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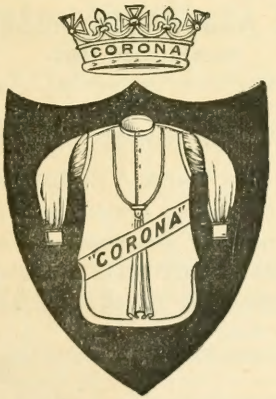
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SEPTEMBER 1896.

1	Tu	Names of Candidates for Bursaries in the gift of the Merchants' House, for Hutchesons' Educational Trust Bursaries, for William Whyte Bursary, for Glasgow City Educational Endowments Bursaries, for James Laing Bursaries, for Marshall Bursaries, and for Hannay Bursary to be given in as directed at p. 319. Names of Candidates for Ferguson Scholarships to be given in before this day.
2	W	
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10	Th	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, and Names of Competitors for Bursaries, to be given in to Assistant-Clerk (Matriculation Office).
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12	S	
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23	W	Names of Candidates for Degrees in Law and Arts, and for Scholarships, etc., to be given in to Assistant-Clerk (Matriculation Office).
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25	F	Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 151.) Competition for Bursaries begins.
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OCTOBER 1896.

1	Th	Theses for M.D. given in. Degree Examination—French, 2nd Paper.
2	F	Degree Examination—German, 2nd Paper.
3	S	Degree Examinations—Astronomy, Geology.
4	S	
5	M	Degree Examinations—Chemistry, Zoology, Botany, Philosophy of Law, Mercantile Law.
6	Tu	Degree Examinations—Education, Scots Law, Public Law, Physics, Anatomy, Physiology, Materia Medica and Therapeutics, Engineering Drawing, Naval Architecture, Ship Drawing.
		Competition for the Rainy and Lorimer Bursaries.
7	W	Degree Examinations—Civil (Roman) Law, Constitutional Law, Civil Engineering, Regional Anatomy (O.R.), Medical Jurisprudence and Public Health, Pathology.
8	Th	Degree Examinations—History, Conveyancing, Medical Jurisprudence, Civil Engineering. Meeting of Classical Committee of Joint Board. Meeting of Senate—Election of Senate Members of Library and other Committees.
9	F	Meeting of Joint Board. Degree Examinations in Mathematics, etc., begin. (See pp. 168, 180.)
10	S	Meeting of Joint Board. Examination for Arnott Prizes at 2 P.M. Last day for Professors sending in Names of Assistants to the Secretary of the University Court.
11	S	
12	M	
13	Tu	
14	W	Matriculation begins.

OCTOBER 1896.

15	Th	Results of Bursary Competition declared. Classes in Faculties of Arts, Science, Medicine, and Law meet.
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	Names of Candidates for Degree of B.D. and for Bursaries, etc., in Divinity to be given in to Assistant-Clerk (Matriculation Office).
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	Examinations for B.D., and for Bursaries in Divinity, 1st day. (See p. 214.)
28	W	Do. do., 2nd day. (Last Wednesday.) Meeting of General Council.
29	Th	Classes in Faculty of Divinity meet.
30	F	Last day for receiving Tradesmen's and other Accounts for preceding half-year. Last day for receiving Professors' Accounts for class-expenses for transmission to University Court. Last day for giving in University Prize Essays.
31	S	Election of Rector.

NOVEMBER 1896.

1	S	
2	M	
3	Tu	
4	W	
5	Th	Meeting of Senate. Graduation. Representatives at Charitable and other Boards elected.
6	F	Matriculation ends.
7	S	
8	S	
9	M	
10	Tu	
11	W	
12	Th	Meeting of University Court.
13	F	
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	

NOVEMBER 1896.

22	S	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	

DECEMBER 1896.

1	Tu	
2	W	
3	Th	Meeting of Senate. Vacancies in Bursaries ascertained.
4	F	
5	S	
6	S	
7	M	
8	Tu	
9	W	
10	Th	Payment of Tradesmen's Accounts. Meeting of the University Court.
11	F	
12	S	
13	S	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	Christmas Holidays commence.
22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	
29	Tu	
30	W	
31	Th	

JANUARY 1897

1	F	
2	S	
3	$	
4	M	
5	Tu	First day on which the Classes meet after the Christmas Holidays.
6	W	Meeting of Senate. Intimation from the several Faculties of the Elec-
7	Th	tion of Deans. Vacant Bursaries filled up. Appointment of Boards
8	F	of Studies.
9	S	
10	$	
11	M	
12	Tu	
13	W	(Second Thursday.) Meeting of University Court. Appointment of
14	Th	Preliminary Examiners and Members of Joint Board.
15	F	Last day for receiving Accounts for transmission to Court.
16	S	
17	$	
18	M	
19	Tu	
20	W	
21	Th	
22	F	
23	S	
24	$	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	
31	$	

FEBRUARY 1897

1	M	Theses for M.D. given in. Holiday (Monday after last Friday of January).
2	Tu	Holiday (for Candlemas).
3	W	
4	Th	Meeting of Senate.
5	F	
6	S	
7	$	
8	M	
9	Tu	
10	W	
11	Th	(Second Thursday.) Meeting of University Court.
12	F	
13	S	
14	$	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	$	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	$	

MARCH 1897.

1	M	Holiday (Monday after last Friday of February).
2	Tu	Names of Candidates for Degrees in Arts and Law to be given in to Assistant-Clerk (Matriculation Office).
3	W	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, given in to Assistant-Clerk (Matriculation Office).
4	Th	(First Thursday.) Meeting of Senate. Reports of Committees on Honorary Degrees. Schemes of Courses in Arts, Science, and Medicine to be sent by Professors and Lecturers to Conveners of Boards of Studies.
5	F	Reports on Prize Essays.
6	S	
7	S	
8	M	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, to be given in to Assistant-Clerk (Matriculation Office).
9	Tu	
10	W	
11	Th	Meeting of University Court.
12	F	
13	S	
14	S	
15	M	
16	Tu	
17	W	
18	Th	(Penult Thursday.) Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed. Appointment to International Exhibition Scholarship.
19	F	Winter Classes in Faculty of Medicine, Law, and Theology close. Names of Candidates for Degree of B.D. given in to Assistant-Clerk (Matriculation Office).
20	S	Degree Examinations—Astronomy, Geology.
21	S	
22	M	Do. do. Chemistry, Zoology, Botany, Philosophy of Law, Mercantile Law.
23	Tu	Do. do. Drawing, Physics, Physiology, Anatomy, Materia Medica and Therapeutics, Naval Architecture, Ship Design, Public Law, Education.
24	W	Do. do. Regional Anatomy, Pathology, Medical Jurisprudence and Public Health, Constitutional Law Civil (Roman) Law, Civil Engineering.
25	Th	Do. do. Civil Engineering, History, Divinity, Textual Criticism, Conveyancing, Medical Jurisprudence.
26	F	Do. do. Church History, Hermeneutics, Political Economy, Hebrew (Arts). Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 151.)
27	S	Degree Examinations in remaining Arts Subjects and Snell Exhibition begin. (See pp. 168, 180.)
28	S	
29	M	
30	Tu	
31	W	Last day for receiving Professors' Accounts of Class Expenses, Tradesmen's, Forty-five shilling, and other Accounts for transmission to Court.

APRIL 1897.

1	Th	Meeting of Senate.
2	F	
3	S	
4	S	
5	M	
6	Tu	Last day for returning Books to Library.
7	W	Meeting of Joint Board. Meeting of General Council.
8	Th	Meeting of Joint Board.
9	F	
10	S	
11	S	
12	M	
13	Tu	Graduation in all the Faculties. Honorary Graduation. Distribution of University Prizes.
14	W	Meeting of Senate.
15	Th	Meeting of University Court.
16	F	Library re-opened.
17	S	
18	S	
19	M	
20	Tu	Summer Medical Classes open.

APRIL 1897.

21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	
29	Th	
30	F	

MAY 1897.

1	S	
2	S	
3	M	
4	Tu	
5	W	
6	Th	Meeting of University Court.
7	F	
8	S	
9	S	
10	M	Payment of Tradesmen's and other Accounts. Meeting of Faculty of Medicine.
11	Tu	Names of Candidates for Final Professional Examination in Medicine to be given in to Assistant-Clerk (Matriculation Office).
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	

JUNE 1897.

1	Tu	Theses for M.D. given in.
2	W	
3	Th	
4	F	
5	S	
6	S	
7	M	Clinical Examinations begin.
8	Tu	
9	W	
10	Th	Meeting of University Court.
11	F	
12	S	
13	S	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	
22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	
29	Tu	
30	W	

JULY 1897.

1	Th	Last day for receiving accounts for transmission to Court.
2	F	
3	S	
4	S	
5	M	Final Professional Written Examinations for Degrees in Medicine on
6	Tu	this and two following days. (See p. 199.)
7	W	
8	Th	Meeting of University Court. Appointment of Lecturers.
9	F	
10	S	
11	S	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	Meeting of Senate. Graduation in Medicine.
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

UNIVERSITY OFFICERS.

	Elected.	Electors.
Chancellor—The Right Hon. the Earl of Stair, K.T., LL.D., - - - -	1884	General Council.
Vice-Chancellor—John Caird, D.D., LL.D.,	1873	Chancellor.
Rector—The Right Hon. Sir John Eldon Gorst, Q.C., M.P., LL.D.	1893	Matriculated Students.
Principal—John Caird, D.D., LL.D., -	1873	Crown.
Dean of Faculties—W. P. Dickson, D.D., LL.D., - - - - - - -	1896	Senate.
Parliamentary Representative—James A. Campbell, LL.D., - - - -	1880	General Council.

University Court.

The Rector, *ex officio.*

The Principal, *ex officio.*

The Lord Provost of Glasgow, *ex officio.*

	Elected.	Electors.
Sir James King, Bart., LL.D., -	1887	Chancellor.
Matthew P. Fraser, LL.B., -	1893	Rector.
James Colquhoun, LL.D., -	1890	Lord Provost, Magistrates, and Town Council of Glasgow.
Hector C. Cameron, M.D., -	1893	General Council.
Sir John N. Cuthbertson, LL.D.,	1893	
Rev. J. W. King, D.D., - -	1895	
D. C. M'Vail, M.B., - - -	1895	
Sheriff Berry, LL.D., - -	1892	Senate.
Professor Stewart, D.D., -	1893	
Professor Jack, LL.D., - -	1894	
Professor Gairdner, M.D., LL.D.	1895	

Senatus Academicus.*

PRESIDENT, - - - THE PRINCIPAL, - - - - 1873

PROFESSORS.

	CHAIRS.	Appointed
William Hastie, D.D., - - -	*Divinity*, - -	1895
Lord Kelvin, LL.D., D.C.L., F.R.S., -	*Natural Philosophy*,	1846
William T. Gairdner, M.D., LL.D., F.R.S.,	*Practice of Medicine*,	1862
George G. Ramsay, LL.D., - - -	*Humanity*, - -	1863
John Young, M.D., - - - - -	*Natural History*, -	1866
Pierce A. Simpson, M.A., M.D., - -	*Forensic Medicine*, -	1872
William Stewart, D.D., - - -	*Biblical Criticism*, -	1873
George Buchanan, M.A., M.D., LL.D.,	*Clinical Surgery*, -	1874
T. M'Call Anderson, M.D., - -	*Clinical Medicine*, -	1874
John Ferguson, M.A., LL.D., F.S.A., -	*Chemistry*, - -	1874
John Gray M'Kendrick, M.D., LL.D., F.R.S., - - - - - -	*Physiology*, - -	1876
James Robertson, D.D., - - -	*Hebrew and Semitic Languages*, -	1877
John Cleland, M.D., LL.D., D.Sc., F.R.S., - - - - - -	*Anatomy*, - -	1877
William Jack, LL.D., - - -	*Mathematics*, - -	1879
Matthew Charteris, M.D., - - -	*Materia Medica*, -	1880
Frederick O. Bower, Sc.D., F.R.S., -	*Botany*, - - -	1885
Robert Herbert Story, D.D., - -	*Church History*, -	1886
Alexander Moody Stuart, LL.D., -	*Law*, - - -	1887
Andrew Cecil Bradley, M.A., - -	*English Language and Literature*,	1889
George G. A. Murray, M.A., - -	*Greek*, - - -	1889
Archibald Barr, D.Sc., - - -	*Civil Engineering and Mechanics*,	1889
James Moir, - - - - -	*Conveyancing*, - -	1889
John Harvard Biles, - - - -	*Naval Architecture, including Marine Engineering*,	1891
William Macewen, M.D., LL.D., F.R.S.,	*Surgery*, - - -	1892

* "The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices."—*Statute of Royal Visitation, 1727.*

Professors—*Continued.*	Chairs.	Appointed
Ludwig Becker, Ph.D.,	*Astronomy*,	1893
Murdoch Cameron, M.D.,	*Midwifery*,	1894
Joseph Coats, M.D.,	*Pathology*,	1894
Henry Jones, LL.D.,	*Moral Philosophy*,	1894
Richard Lodge, M.A.,	*History*,	1894
Robert Adamson, LL.D.,	*Logic and Rhetoric*,	1895
———	*Political Economy.*	

Deans of the several Faculties.

Arts,	Professor Ramsay.
Science,	Professor Bower.
Medicine,	Professor Gairdner.
Law,	Professor Moody Stuart.
Theology,	Professor Stewart.

Lecturers.

John Young, M.D.,	*Honyman Gillespie Lecturer.*
Thomas Reid, M.D., LL.D.,	*Waltonian Lecturer.*
David Yellowlees, M.D., LL.D.,	*Insanity.*
Magnus Maclean, M.A., D.Sc., F.R.S.E.,	*Physics.*
Thomas Barr, M.D.,	*Diseases of the Ear.*
J. Walker Downie, M.B.,	*Diseases of the Throat and Nose.*
Wm. Galbraith Miller, M.A., LL.B.,	*Public International Law; International Private Law; and General Jurisprudence.*
Wm. S. M'Kechnie, M.A., LL.B.,	*Constitutional Law and History.*
James M. Irvine, B.Sc., LL.B.,	*Civil Law.*
James Mackenzie,	*Mercantile Law.*
David Ross, M.A., B.Sc., LL.D.,	*Education.*
Alfred Mercier, L.-ès-L.	*French Language and Literature.*
Alexander B. Bruce, D.D.,	*Natural Theology* (Gifford Foundation).
*Adolphus A. Jack, B.A.,	*English Language and Literature.*

*Lecturer at Queen Margaret College.

* Alexander Tille, Ph.D.,	*German Language and Literature.*
* James Blyth, M.A.,	*Natural Philosophy.*
* Thomas Gray, B.Sc.,	*Chemistry.*
* Thomas H. Bryce, M.A., M.B.,	*Anatomy.*
* Charles O. Hawthorne, M.B.,	*Materia Medica.*
* Charles Workman, M.D.,	*Pathology.*
* J. H. Pringle, F.R.C.S.,	*Surgery.*
* J. W. Anderson, M.D.,	*Practice of Medicine.*
* A. M. Ramsay, M.B.,	*Diseases of the Eye.*
John Brown, M.A.,	*Humanity.*
R. M. Burrows, M.A.,	*Greek.*
Daniel Lamont, M.A.,	*Mathematics.*

* Lecturers at Queen Margaret College.

University Assistants or Demonstrators.*

English Language and Literature,	John M. Connor, M.A.
Humanity,	John Brown, M.A. Daniel Rankin, B.A.
Greek,	George Macdonald, M.A. Ronald M. Burrows, M.A.
Hebrew and Semitic Languages,	Thomas H. Weir, B.D.
Natural Philosophy,	Magnus Maclean, M.A., D.Sc., F.R.S.E Alexander Galt, B.Sc., F.R.S.E.
Arnott and Thomson Demonstrator in *Experimental Physics,*	James Thomson Bottomley, M.A., D.Sc., F.R.S.
Mathematics,	Horatio A. Carslaw, M.A. Daniel Lamont, M.A.
Civil Engineering and Mechanics,	Alexander B. Dobbie, B.Sc. ("Young" Assistant). James D. Mackinnon.
Logic,	Henry N. Brailsford, M.A.
Moral Philosophy,	Robert A. Duff, M.A.
Naval Architecture,	William Stevenson. Percy S. Pilcher.

* The Assistants and Demonstrators in this list, with the exception of Chemistry and Botany, were for 1895-96. Those for 1896-97 fall to be appointed before the beginning of the session.

Practice of Medicine,	James Carslaw, M.A., M.B., C.M.
Anatomy,	Alexander Macphail, M.B., C.M. John Morton, M.B., C.M. Hugh Calderwood, B.Sc. James F. Gemmill, M.A., M.B., C.M.
Surgery,	George Ritchie Thomson, M.B., C.M.
Midwifery,	H. St. Clair Gray, M.D.
Chemistry,	William R. Lang, B.Sc. William C. Anderson, B.Sc., M.A. George Lean, B.Sc.
Botany,	William H. Lang, B.Sc.
Natural History,	James Rankin, B.Sc.
Baxter Demonstrator in *Geology*,	————
Materia Medica,	William MacLennan, M.B., C.M.
Physiology,	William Snodgrass, M.A., M.B., C.M. (Muirhead Demonstrator). David F. Harris, B.Sc., M.B., C.M.
Pathology,	Lewis R. Sutherland, M.B., C.M. Alexander R. Ferguson, M.B., C.M.
Forensic Medicine,	Hugh Galt, M.B., C.M.
Clinical Surgery (Dr. Macewen),	Peter Paterson, M.B., C.M.
Clinical Surgery (Dr. Buchanan),	J. C. Renton, M.D. G. Burnside Buchanan, B.A. (Cantab.) M.B., C.M.
Clinical Medicine (Dr. Gairdner),	Charles O. Hawthorne, M.B., C.M. James Carslaw, M.A., M.B., C.M.
Clinical Medicine (Dr. Anderson),	James Hinshelwood, M.A., M.D. William R. Jack, B.Sc., M.D.

Examiners for Degrees.

In Divinity.—The Professors in the Faculty of Theology, assisted by the Rev. John Maclean, D.D., and the Rev. Henry Bremner, D.D.

In Law.—The Professors and Lecturers in the Faculty of Law, assisted by

William R. Herkless, LL.B.
James A. M'Callum, LL.B.
Frederick G. Mackillop, LL.B.

In Medicine.—The Professors and Lecturers in the Faculty of Medicine, as specified in Section XXIV. of Ordinance No. 14, and the following additional Examiners :—

Samuel Sloan, M.D.	Henry E. Clark, M.R.C.S.
John H. Fullarton, D.Sc.	Thomas D. Savill, M.D.
D. Noel Paton, M.D.	D. R. Boyd, B.Sc., Ph.D.
R. F. C. Leith, M.B.	Charles D. F. Phillips, M.D.
John Barlow, M.D.	J. Yule Mackay, M.D.
John Duff, M.D.	T. Kennedy Dalziel, M.B.
Andrew Gray, M.A., LL.D.	A. C. Seward, M.A.

In Arts.—The Professors and Lecturers in the Faculty of Arts, as specified in Section XIV. of Ordinance No. 13, assisted by

Evan Keri Evans, M.A.,	Examiner in	Logic and Moral Philosophy, - - -	1894
Hugh Walker, M.A.,	,,	English, - - -	1894
James Colville, D.Sc.,	,,	History, - - -	1895
James Milligan, M.A.,	,,	Education, - -	1895
John Maclean, D.D.,	,,	Hebrew, - - -	1895
Lawrence Crawford, M.A., B.Sc.,	,,	Mathematics and Natural Philosophy,	1896
R. Y. Tyrrell, Litt.D., D.C.L.,		Classics, - - -	1896

In Science.—Professor Lord Kelvin, D.C.L., Professor Young, M.D., Professor Ferguson, LL.D., Professor M'Kendrick, M.D., Professor Cleland, M.D., Professor Jack, LL.D., Professor Bower, Sc.D., Professor Barr, D.Sc., Professor Biles, Professor Becker, Ph.D., assisted by additional examiners.

Preliminary Examiners in Arts, Science, and Medicine.—†Professor Ramsay, LL.D., †Professor Jack, LL.D., Professor Bradley, M.A., Professor Murray, M.A., Professor Lodge, M.A., †Professor H. A. Strong, LL.D., J. W. Marshall, M.A., R. H. Pinkerton, M.A., †A. M. Williams, M.A., A. M. Bell, H. S. Beresford Webb, William Bathgate, M.A., Rev. John Maclean, D.D.

† Members of the Joint Board.

Other Officials.

Keeper of Hunterian Library and Museum, - - - Professor Young, M.D.

Under-Keeper,	John Young, LL.D., F.G.S.
„ (*Pathological Department*),	John H. Teacher, M.B., C.M.
Curator of Library,	Professor Dickson, D.D., LL.D.
Librarian,	James Lymburn.
Sub-Librarian,	James L. Galbraith.
Secretary to the University Court,	Alan E. Clapperton, B.L., 91 West Regent Street.
Clerk of Senate,	Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.
Assistants to the Clerk of Senate,	W. Innes Addison, Matriculation Office. James Coutts, M.A., Registration Office. Miss Galloway, Secretary at Queen Margaret College.
Registrar of the General Council,	James Coutts, M.A.
Clerk of the General Council,	Archibald Craig, LL.B., 156 St. Vincent Street.
Factors,	Hill & Hoggan, 194 Ingram Street.
Law-Agents,	Mitchells, Johnston & Co., 160 West George Street.
Auditors,	Brown, Fleming & Murray, 163 West George Street.
Publishers and Booksellers to the University,	James MacLehose & Sons, 61 St. Vincent Street.
Printers to the University,	Robert MacLehose & Co., 153 West Nile Street.
Robe Makers to the University,	James Thomson & Son, 84 St. Vincent Street.

HEAD SERVANTS.

Bedellus and Janitor,	Lauchlan M'Pherson.
Master of Works,	David Stewart.

Representatives of the University Court on Charitable and other Boards.

General Medical Council—Professor Gairdner.
Western Infirmary—Rev. Dr. King and Mr. M. P. Fraser.
Victoria Infirmary—Professor Gairdner and Mr. William Crum.
Glasgow Samaritan Hospital for Women—Dr. Robert Perry.
Highlands and Islands Educational Trust—Sheriff R. Vary Campbell.
Stirling Educational Trust—Mr. Charles King.

Representatives of the Senate on Educational and other Boards.

Glasgow and West of Scotland Technical College—Professors Young and Barr.
Glasgow City Educational Endowments Board—Professor Stewart.
Glasgow General Educational Endowments Board—Professors Stewart and Jack.
Glasgow School of Art—Professor Jack.
Hutchesons' Educational Trust—Professor Ramsay.
John Clark (Mile-End) Bursary Trust—Professor Stewart.
Scott Scholarship and Bursaries Trust—Professor Bradley.
Western Infirmary—Professors Cleland and Moir.
Royal Infirmary—Professor Young.
Asylum for the Blind—Professor Ramsay.
Glasgow Convalescent Home—Professor Buchanan.
Baillie's Institution—Professor Ferguson.

Joint Committees of Senate and Court.

Library Committee.

Appointed by the Senate—The Principal and Professors Stewart, M'Kendrick, Jack, Bower, and Moir.
Appointed by the University Court—Rev. Dr. Dickson, Rev. Dr. King, and Dr. Colquhoun.

Museums Committee.

Appointed by the Senate—Professors Young, Ferguson, Cleland, and Murray.
Appointed by the University Court—Drs. Cameron and M'Vail.

Observatory and Laboratories Committee.

Appointed by the Senate—Professor Lord Kelvin and Professors Ferguson, M'Kendrick, and Becker.
Appointed by the University Court—Lord Provost Sir James Bell and Sir James King.

Students' Representative Council.

President—John Scoular Thomson.
Vice-Presidents—Alfred J. Fleming, M.A.; John M. Dickie, M.A., B.D.
Secretary—Hyam Goodman, M.A., 29 Thistle Street, Garnethill, Glasgow.
Assistant Secretaries—D. Graham Webster, M.A. (Divinity); Peter W. Monie (Arts); Joseph H. Menzies, M.A. (Law); David J. Young (Medicine); and John Muir (Science).
Treasurer—John L. Tulloch, M.A., 3 Leslie Road, Pollokshields.
Executive Committee:
Arts—Alexander Shaughnessy, Ivy M'Kenzie.
Medicine—John J. Buchan, William Martin, M.A., B.Sc.
Science—Oliver Styles, B.Sc.

I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V., by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale . . . tam in theologia ac jure canonico et civili, quam in artibus, et quavis alia licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they

might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of Pædagogium, or the College of Arts. It is said to have been situated in the Rottenrow; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for upwards of four hundred years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion, and its chief support being derived from the Church. In 1577, James VI. prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio*.

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.[1]

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, an increased number of Bursars and of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal,

[1] This system was altered in 1642, in accordance with the practice of the other Universities; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan; the second, Semi; the third, Baccalour; the fourth, Magistrand.

a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.[1] In the next thirty years seven Professorships were either originally founded or revived, viz. :—those of Mathematics (1691), Humanity (1706), Oriental Languages (1709), Civil Law (1712), Medicine (1712), Church History (1716), and Anatomy (1718); and to these a Professorship of Astronomy was added in 1760. The remaining seventeen Professorships were founded during the present century, viz. :—Natural History, (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874), Naval Architecture (1883), History (1893), Pathology (1893). On 25th February, 1896, the Universities Commission issued Ordinance No. 149, for the foundation of the Adam Smith Chair of Political Economy. The ordinance will come into force when appproved by Her Majesty in Council.

UNIVERSITY BUILDINGS.

The changes in the City of Glasgow having so entirely altered the character of the district in which the University Buildings were planted four hundred years ago, as to render the locality altogether unsuitable for an Academic Institution; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment; measures were adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

In 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, was passed by both Houses of Parliament, and received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements; and the

[1] See Dr. Thomas Reid's Account of the University of Glasgow.

Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

The funds at the disposal of the University to carry out the scheme of removal consisted of—(1.) The produce of the sale of the old College and grounds, £100,000,—(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monklands Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum was paid out of the National Treasury, and there has been received from the public subscription for the University Buildings and the Western Infirmary and from legacies the large amount of £256,429, including £45,000 from the Marquis of Bute for the erection of the Bute Hall, £5,000 from Dr. J. M'Intyre for the University Union Buildings, £4,274 from the late Sir William Pearce, Bart., for the removal of the old College front

and the re-erection of the materials at the north-east gateway, £5,000 bequeathed by Mr. Andrew Cunninghame, and £1,000 (less legacy duty) bequeathed by Mr. James Marshall for the completion of the tower, and special subscriptions amounting to £2,600 for building and furnishing the Gymnasium. A sum of £30,000 was allocated to the Western Infirmary. New buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71. In 1893 the buildings and grounds were extended by the gift of North Park House and Grounds for the use of the women students of the University.

GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858 the whole business of the University was transacted in three distinct courts—namely the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy. The Members of Faculty had the administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this Court, and also in the Senate. Meetings of the Comitia were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, con-

sisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who issued ordinances, sanctioned by Her Majesty, for the administration of the affairs of the University.

Further changes were made by the Universities (Scotland) Act, 1889. A Committee of Her Majesty's Privy Council was constituted, styled the Scottish Universities Committee of the Privy Council. An Executive Commission was created and is now sitting, with power to repeal or modify any ordinance made under the Act of 1858. The Commissioners have issued ordinances, *inter alia*, for Degrees in Arts, Science, Divinity, Law, and Medicine, and for the graduation and instruction of Women. They have also issued an ordinance (No. 60) laying down regulations for the constitution of the Students' Representative Council, and regulations under which that Council shall be entitled to petition the Senatus Academicus and the University Court.

CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He nominates an Assessor in the University Court, and he is empowered to appoint a Vice-Chancellor to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

Chancellors from the year 1642.

1642. James Hamilton, Marquis of Hamilton.
1660. William Cunningham, Earl of Glencairn.
1661. Andrew Fairfowl, Archbishop of Glasgow.
1664. Alexander Burnett, „ „
1670. Robert Leighton, „ „
1674. Alexander Burnett, „ „
1679. Arthur Ross, „ „
1684. Alexander Cairncross, „ „
1687. John Paterson, „ „
1692. John Carmichael, Earl of Hyndford.
1715. James Graham, Duke of Montrose.
1743. William Graham, „ „
1781. James Graham, „ „
1837. James Graham, „ „
1875. Sir William Stirling-Maxwell, Bart., M.P.
1878. Walter Francis, Duke of Buccleuch and Queensberry, K.G.
1884. John Hamilton Dalrymple, Earl of Stair, K.T.

RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.[1] In the case of an equality of nations the Chancellor had, in accordance with the Act of 1858, the casting vote, but under the Act of 1889 the Commissioners have ordained (Ord. No. 7) that the election shall be determined by the majority of votes of all the students voting whenever the votes of the nations shall be equally divided. The Universities Commission (1858) ordained that the election should take place upon the 15th November (the 16th, if the 15th fell on a Sunday); but by Ordinance No. 139,[2] issued on 29th March, 1895, the election is to take place on such day in the month of October or November as may be fixed by the University Court after consultation with the

[1] The nations are constituted as follows:—
1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.
2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.
3. The Natio Rothesiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.
4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

[2] This ordinance comes into force when approved by her Majesty in Council.

Senate, but the date cannot be later than the second Saturday in November in any year. The term of office is three years. The Rector is the official President of the University Court.

Rectors from 1773.

1773. Charles Cathcart, Lord Cathcart.
1775. Lord Chief Baron Montgomerie.
1777. Andrew Stewart, Esq. of Torrance.
1779. James Maitland, seventh Earl of Lauderdale.
1781. Right Hon. Henry Dundas.
1783. Right Hon. Edmund Burke.
1785. Robert Graham, Esq. of Gartmore.
1787. Adam Smith, LL.D.
1789. Walter Campbell, Esq. of Shawfield.
1791. Thomas Kennedy, Esq. of Dunure
1793. William Mure, Esq. of Caldwell.
1795. William M'Dowall, Esq. of Garthland.
1797. George Oswald, Esq. of Auchincruive.
1799. Right Hon. Sir Ilay Campbell, Lord President.
1801. William Craig, a Lord of Session.
1803. Lord Chief Baron Dundas.
1805. Henry Glassford, Esq. of Dugalston.
1807. Archibald Colquhoun, Esq. of Killermont.
1809. Archibald Campbell, Esq. of Blythswood.
1811. Lord Archibald Hamilton.
1813. Thomas Graham, Lord Lynedoch.
1815. David Boyle, Lord Justice Clerk.
1817. George Boyle, Earl of Glasgow.
1819. Kirkman Finlay, Esq., M.P.
1820. Francis Jeffrey, Esq., Advocate.
1822. Sir James Mackintosh, M.P.
1824. Henry Brougham, Esq., M.P.
1826. Thomas Campbell, LL.D.
1829. Henry Petty, Marquis of Lansdowne.
1831. Henry Cockburn, Esq., Solicitor-General.
1834. Lord Stanley, M.P.
1836. Sir Robert Peel, Bart., M.P.
1838. Sir J. G. R. Graham, Bart., M.P.
1840. John Campbell, Marquis of Breadalbane.
1842. Right Hon. Fox Maule, M.P.
1844. Andrew Rutherford, Esq.
1846. Lord John Russell.
1847. Colonel Mure of Caldwell.
1848. Thomas Babington Macaulay, Esq.
1850. Archibald Alison, Esq., Sheriff of Lanarkshire.
1852. Earl of Eglinton.

1854. Duke of Argyle.
1856. Sir Edward Bulwer Lytton.
1859. Earl of Elgin.
1862. Viscount Palmerston.
1865. John Inglis, Lord Justice Clerk.
1868. Lord Stanley (afterwards Earl of Derby).
1871. Right Hon. Benjamin Disraeli, M.P. (Earl of Beaconsfield).
1877. Right Hon. William Ewart Gladstone, M.P.
1880. Right Hon. John Bright, M.P.
1883. Right Hon. Henry Fawcett, M.P.
1884. Edmund Law Lushington, LL.D., D.C.L.
1887. Right Hon. Earl of Lytton, G.C.B., G.C.S.I., C.I.E.
1890. Right Hon. Arthur James Balfour, M.P.
1893. Right Hon. Sir John Eldon Gorst, M.P.

DEAN OF FACULTIES.

From the beginning there has been in the University an officer of dignity with the title of Dean of Faculty or Dean of Faculties. The duties of the office, as originally constituted, were to exercise a superintendence over the studies, and, in conjunction with the Masters, to judge of the qualifications of applicants for degrees. From the year 1772 it was the duty of the Dean, in concert with the Rector and the Minister of Glasgow, to examine the accounts of the administration of the Revenue, and to give advice to the Principal and Professors, when it was necessary for them to institute a judicial inquiry into the conduct of any of their number. By the Universities Act of 1858 the Dean of Faculties was a member of the University Court, but in the enumeration of the constituent members of the new University Court in the Act of 1889 the name does not occur. The election is made annually by the Senate at the close of the winter session.

Deans from the year 1800.

1800. James Couper, D.D.
1802. Archd. Campbell, Esq., of Succoth.
1804. Gavin Gibb, D.D.
1806. Duncan Macfarlan, D.D.
1808. Gavin Gibb, D.D.
1810. Duncan Macfarlan, D.D.
1812. Gavin Gibb, D.D.
1814. Stevenson Macgill, D.D.
1815. Archibald Campbell, Esq., M.P.
1817. Sir John Connel.
1819. Archibald Campbell, Esq., M.P.
1821. Sir John Connel.
1823. Archibald Campbell, Esq., M.P.
1825. Sir John Connel.
1827. Archibald Campbell, Esq., M.P.
1829. Sir John Connel.
1831. Archibald Campbell, Esq.
1833. Sir A. Campbell, Bart.
1835. Archibald Campbell, Esq.
1837. Sir A. Campbell, Bart.
1839. Kirkman Finlay, Esq.
1841. Lord Dunfermline.

1843. Sir T. Makdougall Brisbane, Bart.
1845. A. Maconochie, Lord Meadowbank.
1847. Earl of Eglinton.
1849. Colonel Mure of Caldwell, M.P.
1851. W. Lockhart, Esq., M.P.
1853. Colonel Mure.
1854. W. Lockhart, Esq.
1857. W. Stirling, Esq., of Keir, M.P.
1860. J. Moncreiff, Lord Advocate.
1863. Sir A. I. Campbell of Succoth.
1865. Henry Glassford Bell, Esq.
1868. Sir James Fergusson, Bart.
1869. Sir Thos. E. Colebrooke, Bart., M.P.
1872. Archd. Orr Ewing, Esq., M.P.
1876. Alexander B. M'Grigor, LL.D.
1879. James King, Esq.
1882. R. W. Cochran-Patrick, LL.D., M.P.
1885. Alexander Crum, Esq., M.P.
1888. Robert Berry, LL.D.
1896. W. P. Dickson, D.D., LL.D., Emeritus Professor of Divinity.

PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI., in 1577. It is in the appointment of the Crown. The Principal is President of the Senatus Academicus; and is also, *ex officio*, a member of the University Court.

Principals from the year 1574.

1574. Andrew Melville.
1580. Thomas Smeaton.
1582. Patrick Sharpe.
1615. Robert Boyd.
1622. John Cameron, D.D.
1626. John Strang, D.D.
1650. Robert Ramsay.
1653. Patrick Gillespie.
1661. Robert Baillie, D.D.
1662. Edward Wright.
1684. James Fall.
1690. William Dunlop.
1701. John Stirling.
1728. Neil Campbell.
1761. Wm. Leechman, D.D.
1786. Archd. Davidson, D.D.
1803. William Taylor, D.D.
1823. Duncan M'Farlan, D.D.
1858. Thomas Barclay, D.D.
1873. John Caird, D.D.

UNIVERSITY COURT.

The University Court consists of (*a*) the Rector, (*b*) the Principal, (*c*) the Lord Provost of Glasgow for the time being, (*d*) an Assessor nominated by the Chancellor, (*e*) an Assessor nominated by the Rector, (*f*) an Assessor nominated by the Lord Provost, Magistrates, and Town Council of Glasgow, (*g*) four Assessors elected by the General Council, (*h*) four Assessors elected by the Senatus Academicus. There is a further provision in the Act of 1889 for the representation of affiliated Colleges.

Assessors since the University Court was constituted.

CHANCELLOR.

1859. John Robertson, D.D., Glasgow.
1865. A. Sym, D.D., New Kilpatrick.

1871. James Pearson, D.D., Strathblane.
1874. Robert Jamieson, D.D., Glasgow.
1878. J. A. Campbell, LL.D., Stracathro.
1887. Sir James King, Bart., LL.D.

RECTOR.

1860. Thomas Buchanan, Esq.
1863. Walter Buchanan, Esq., M.P.
1866. Archibald Orr Ewing, Esq.
1869. James A. Campbell, LL.D.
1878. Alexander Crum, Esq.
1880. Charles Cameron, M.D., LL.D., M.P.
1884. A. B. M'Grigor, LL.D.
1887. James Grahame, Esq.
1890. Lord Blythswood, LL.D.
1893. Matthew P. Fraser, LL.B.

LORD PROVOST, MAGISTRATES, AND TOWN COUNCIL OF GLASGOW.

1889. James Colquhoun, LL.D.

GENERAL COUNCIL.

1859. Andrew Bannatyne, LL.D.
1864. Lord Kinloch.
1867. Anderson Kirkwood, LL.D.
1887. R. W. Cochran-Patrick, LL.D.
1889. David Hannay, Esq.
1889. Hector C. Cameron, M.D.
1889. Sir John Neilson Cuthbertson.
1891. Rev. J. W. King, M.A., D.D.
1891. D. C. M'Vail, M.B.
1893. Hector C. Cameron, M.D.
1893. Sir John Neilson Cuthbertson.
1895. Rev. J. W. King, D.D.
1895. D. C. M'Vail, M.B.

SENATUS ACADEMICUS.

15th Nov., 1859. Professor W. Ramsay, M.A.
11th Dec., 1863. Professor R. Buchanan, LL.D.
12th Dec., 1867. Professor Allen Thomson, M.D.
11th Jan., 1872. Professor Sir W. Thomson.
13th Jan., 1876. Professor Cowan, M.D.
29th Jan., 1880. Professor Berry, M.A., LL.D.
31st Jan., 1884. Professor Dickson, D.D., LL.D.
9th Feb., 1888. Professor Ramsay, LL.D.
28th Nov., 1889. Professor Leishman, M.D.
28th Nov., 1889. Sheriff Berry, LL.D.
28th Nov., 1889. Professor Stewart, D.D.
28th Nov., 1890. Professor Ramsay, LL.D.

30th Nov., 1891. Professor Leishman, M.D.
28th Nov., 1892. Sheriff Berry, LL.D.
28th Nov., 1893. Professor Stewart, D.D.
30th Nov., 1893. Professor Gairdner, M.D., LL.D.
28th Nov., 1894. Professor Jack, LL.D.
30th Nov., 1895. Professor Gairdner, M.D., LL.D.

The Rector's Assessor continues in office three years, and the other Assessors four years.

The University Court is a body corporate, in which is vested all the property belonging to the University. By the Act of 1889 it is enacted that the University Court, in addition to the powers conferred upon it by the Act of 1858, shall, subject to any ordinances made by the Commissioners, have power—

1. To administer the whole revenue and property of the University, including share of annual Government Grant, and bursary and other mortifications.

2. To review any decision of the Senate, appealed against by a member of Senate or other member of the University interested,[1] and to receive representations and reports from the Senate and the General Council.

3. To review, on representation by any member of the University Court or by any member of Senate, any decision of the Senate in the exercise of its powers of regulating and superintending the teaching and discipline of the University; but decisions in matters of discipline can be reviewed only on appeal by a member of Senate or by a member of the University directly affected.

4. To appoint professors to chairs in University patronage; to appoint examiners and lecturers; and to recognize for graduation purposes the teaching of any college or individual teacher, under any regulations laid down by the Commissioners, which regulations, after the expiration of the powers of the Commissioners, may from time to time be modified or altered by the Universities Committee.

5. To define on application by any member of the Senate the nature and limits of a professor's duties under his commission, subject to appeal to the Universities Committee.[2]

[1] An appeal against any decision of the Senate must be lodged with the Secretary of the University Court within fourteen days from the date of the issue of such decision. See Ord. No. 5.

[2] Ordinance No. 144, which was issued on 29th March, 1895, and which comes into force immediately after the expiration of the powers of the Commissioners (1889), empowers the University Court at any time to revise and adjust the terms of the

6. To take proceedings against a principal or professor, University lecturer, assistant, recognized teacher or examiner, or any other person employed in teaching or examining.

7. To appoint from persons not being members of Senate one third of the members of any standing committee or committees charged, by ordinance of the Commissioners, with superintendence of University libraries or museums, and to review any decision of the Senate regarding the recommendations of such committee or committees.

8. To appoint committees of its own number, consisting of not less than five members, to report on any business entrusted to them or to carry out special instructions.

9. To elect the representative of the University on the General Medical Council, under the Medical Act, 1886.

10. After the expiration of the powers of the Commission to found new professorships with the approval of the Universities Committee.[1] After such expiration no new professorship shall be founded otherwise.

The Court is entrusted with the patronage of several of the Professorships, appoints the Assistant Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Seven Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meeting of the University Court during 1895-96 will be found towards the end of the Calendar.

SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the ordinary superintendence and regulation of the teaching and discipline of the University. It appoints two-thirds of the members of any standing committee or committees charged by ordinance of the Commissioners with the immediate superintendence of University libraries or museums. It receives in the first instance

commission to be issued at the next vacancy of any chair, with regard to the number of lectures and the period of instruction.

[1] Ordinance No. 144 enjoins the University Court before proceeding to the foundation of any new Professorship, to ascertain that there are sufficient means for its endowment, and also to take into consideration the contingent claim which the Professor may have to a pension.

all reports by such committee or committees, and, subject to the review of the University Court, it may confirm, modify, or reject the recommendations in such reports. The Principal, as President, has a deliberative and a casting vote. One third of the Senate constitute a quorum.

FACULTIES.

The Universities Commissioners, by Ordinance No. 31, dated 5th June, 1893, settled the constitution of the several Faculties in this University, as follows :—I. The Faculty of Arts consists of the Professors of the following subjects, viz., English Language and Literature, Humanity, Greek, Hebrew and Semitic Languages, Mathematics, Natural Philosophy, Logic and Rhetoric, Moral Philosophy, History. II. The Faculty of Science consists of the Professors of the following subjects, viz., Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History, Botany, Anatomy, Physiology, Civil Engineering and Mechanics, Naval Architecture. III. The Faculty of Medicine consists of the Professors of the following subjects, viz., Chemistry, Natural History, Botany, Anatomy, Physiology, Pathology, Materia Medica, Medicine, Surgery, Midwifery, Forensic Medicine, Clinical Medicine, Clinical Surgery. IV. The Faculty of Law consists of the Professors of the following subjects, viz., Law, Forensic Medicine, Conveyancing. V. The Faculty of Divinity consists of the Professors of the following subjects, viz., Divinity, Divinity and Biblical Criticism, Ecclesiastical History, Hebrew and Semitic Languages. The University Court has power to transfer Chairs from one Faculty to another, and in the event of the foundation of new Chairs, to determine to which Faculty or Faculties such Chairs shall belong.

The Professors constituting each Faculty annually elect one of their number to be Dean of the Faculty.

LECTURERS.

By Ordinance No. 17 [1] of the Universities Commission (1889), the University Court is empowered to appoint, after

[1] This ordinance is printed at length in the University Calendar for 1893-94, at pp. 504, 505.

consultation with the Senatus, Lecturers, whose teaching shall (unless otherwise determined by the University Court) qualify for graduation. They are appointed for a period not exceeding five years, but may be re-appointed. University Assistants or Demonstrators are eligible for appointment as Lecturers and *vice versa*; and both offices may be held at the same time by the same person.

Ordinance No. 65 provides that the classes of University Lecturers shall be conducted at the seat of the University, *i.e.* in the city of Glasgow and the immediate neighbourhood thereof, that no classes conducted by Lecturers elsewhere shall qualify for graduation in any Faculty, and that University Lecturers shall be in all respects subject to the discipline of the Senatus Academicus and of the University Court.

BOARDS OF STUDIES.

By Ordinance No. 11 of the Universities Commission (1889), it is provided that the Senate shall institute Boards of Studies corresponding as nearly as may be to the departments of study for graduation in Arts. Each Board of Studies consists of the Principal, the Dean of the Faculty of Arts, and such other members of the Senate and Lecturers in the University as the Senate may from time to time select, a member of the Board being appointed Convener by the Senate. The functions of these Boards are defined in Ordinance No. 11, sections xviii. and xix.

Provision is made in Ordinance No. 42 for the institution of one or more Boards of Studies in each of the Faculties of Medicine and Science. In Medicine the constituent members of the Board or Boards are Professors in the Faculty of Medicine, together with such Professors in other Faculties whose subjects qualify for graduation in Medicine, and such Lecturers in the University as the Senate may from time to time select. The Board or Boards of Studies in Science are similarly constituted *mutatis mutandis*. The Dean of the Faculty of Medicine is Convener of each Board of Studies in Medicine; the Senate appoints the Convener of each Board of Studies in Science.

UNIVERSITY ASSISTANTS OR DEMONSTRATORS.

By Ordinance No. 17[1] of the Universities Commission (1889), the University Court is empowered to determine, after consultation with the Senatus, the number and grade of the Assistants, if any, to be assigned to each Professor. The appointments are made by the University Court on the recommendation of the Professors. The duties of each Assistant are defined by the Professor, with the approval of the Senate. The Assistants are recognized as Officers of the University, and are styled University Assistants or Demonstrators, as the University Court may determine.

The Arnott and Thomson Demonstratorship, founded in 1875, is attached to the Chair of Natural Philosophy; the Muirhead Demonstratorship, founded in 1877, to the Chair of Physiology; and the Baxter Demonstratorship in Geology, founded in 1889, to the Chair of Natural History.

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

EXAMINERS FOR DEGREES.

By Ordinance No. 13, §§ xiv., xv., xvi., of the Universities Commission (1889), the Examiners for graduation in Arts, Science, and Medicine respectively are the Professors whose subjects qualify for graduation, together with such Lecturers in the University and such additional Examiners, appointed by the University Court, as the Court may deem necessary. In the case of Medicine, the Court is required to make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

By Ordinances No. 39, § vii., and No. 40, § vii., of the Universities Commission (1889), the Examiners for graduation in Law are the Professors and Lecturers whose subjects qualify for graduation, and additional Examiners appointed by the University Court.

[1] See note on page 38.

By Ordinance No. 63, § ii., of the Universities Commission (1889), the Examiners for graduation in Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

GENERAL COUNCIL.

[*For names, etc., of Members, see Appendix.*]

The General Council as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), by the Representation of the People (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), and by the Universities Elections Amendment (Scotland) Act, 1881 (44 and 45 Vict., chap. 40), consists of the following *ex officio* Members, viz., the Chancellor, the Members of the University Court from and after their first election, and the Professors, and also of the following persons after registration, viz., all Masters of Arts of the University, and all persons on whom the University has, after Examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree instituted since 13th July, 1868; and also all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

Members of the Council must have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually in the month of December, for the year following, and includes the names of all members entered on the Registration Book on or before the 30th day of November in each year. The Registration Fee, which is a payment for life, is 20s.

By section 16 of the Act 44 and 45 Vict., chap. 40, it is enacted that no person shall be allowed, after examination, to graduate at any of the Universities of Scotland until he shall have paid the Registration Fee; and it is further enacted that

every person who has hitherto been, or who shall in the future become, *ex officio*, a member of the General Council of any of the Universities shall, on payment of the Registration Fee, be put and continued on the Register of Members of General Council of such University during his life, and shall be entitled to all the privileges of a Member of Council. The Act also provides that no person, subject to any legal incapacity, shall be entitled to vote at any parliamentary election, or exercise any other privilege as a member of the General Council.

The corrupt payment of any Registration Fee is punishable as bribery.

The Council meets twice every year—viz., on the last Wednesday of October, and the first Wednesday of April. In addition to these statutory meetings the Council may hold special meetings at the instance of the Chancellor, who shall convene such meetings on a requisition from a quorum of members, and the Council may adjourn any meeting, and may appoint committees to investigate into and report upon any matter remitted to them, or to carry out instructions given to them by the Council. The quorum of the General Council has been fixed by the Universities Commissioners at ten for every complete thousand or fraction of a thousand on the Register, so that for the present year sixty members are requisite to constitute a quorum, there being 5323 names on the Register, but this provision does not apply to the statutory half-yearly meetings. It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to make representations from time to time to the University Court, who shall return to the Council their deliverances thereon. The annual reports as to the statistics of attendance and as to the finances of the University, made by the University Court to the Secretary for Scotland, are to be laid by him before the General Council. To it are also to be communicated all new ordinances, or changes of existing ordinances, which may be proposed by the University Court.

The Chancellor and four of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance No. 9 of the Universities Commission (1889). The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Chancellor's Assessor; whom failing, the Rector's Assessor. In the absence of all these officials,

a Chairman shall be elected by the meeting; but in the election of Assessors the members of Senate may not take part.

The General Councils of the Universities of Glasgow and Aberdeen jointly return a representative to Parliament. The Vice-Chancellor of Glasgow University is the returning officer.

Members of Parliament for the Universities of Glasgow and Aberdeen.

1868. Right Hon. James Moncrieff, LL.D., Lord Advocate.
1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
1876. Right Hon. William Watson, LL.D., Lord Advocate.
1880. James Alexander Campbell, LL.D.

STUDENTS' REPRESENTATIVE COUNCIL.

The constitution and functions of the Students' Representative Council are regulated by Ordinance No. 60, the provisions of which are as follows:—

I. The Students' Representative Council in each University shall submit to the University Court for approval the regulations under which it has been formed or now exists, and these regulations as approved, or with such alterations as may from time to time be approved by the University Court, shall form the constitution of the Students' Representative Council, and shall, subject to the provisions of this Ordinance, determine the functions thereof, and the mode of election thereto.

II. After the University Court has approved of the constitution of a Students' Representative Council in any University, alterations in the said constitution shall be of no effect unless and until they shall receive the approval of the University Court.

III. (1) The Students' Representative Council shall be entitled to petition the Senatus Academicus with regard to any matter affecting the teaching and discipline of the University, and the Senatus Academicus shall dispose of the matter of the petition, or shall, if so prayed, forward any such petition to the University Court, with such observations as it may think fit to make thereon.

(2) The Students' Representative Council shall be entitled to petition the University Court with regard to any matter affecting the students other than those falling under the immediately preceding sub-section.

(3) Nothing contained in this section shall be held to pre-

judice any right of appeal which may be competent under section 6, sub-section 2, of the Universities Act, 1889, nor the powers and jurisdiction of the Senatus Academicus with regard to the teaching and discipline of the University.

The Council at present consists of representatives from the different years of all the different Faculties in the University, and its aims are (1) to represent the Students in matters affecting their interests; (2) to afford a recognized means of communication between the Students and the University authorities; (3) to promote social and academic unity among the Students. A Union Committee appointed by the Council completed in Session 1889-90 the arrangements for opening the "Glasgow University Union." The Council has various Sub-Committees—an Inter-Universities Committee, a Magazine Committee, which conducts during the winter session the "Glasgow University Magazine" (published weekly), an Amusements Committee, and a Song Book Committee.

Presidents of the Students' Representative Council.

1885-86. R. M. Wenley, M.A.	1890-91. William Newlands.
1886-87. Gavin Lambie, M.A.	1891-92. John White, M.A.
1887-88. C. E. Robertson, M.B., C.M.	1892-93. R. S. Horne, M.A.
1888-89. John H. Harley, M.A.	1893-94. John H. Pagan, B.D.
1889-90. Robert Bell, M.B., C.M.	1894-95. William M. R. Pringle.

1895-96. JOHN S. THOMSON.

STUDENTS.

Number of Students in the several Faculties, Session 1895-96:—

MEN.

In Arts (including Summer Matriculation of 1895, 6),	604	
Science (including Summer Matriculation of 1895, 4),	108	
Theology,	59	
Medicine (including Summer Matriculation of 1895, 143),	656	
Law (including Summer Matriculation of 1895, 1),	182	
Arts and Medicine,	4	
Arts and Theology,	3	
Arts and Science,	7	
Science and Medicine (including Summer Matriculation of 1895, 1),	6	
		1629

WOMEN.

In Arts (including Summer Matriculation of 1895, 3),	168	
Science (including Summer Matriculation of 1895, 2),	4	
Medicine (including Summer Matriculation of 1895, 8),	73	
Science and Medicine,	1	
		246
Total,		1875

Ordinance No. 50 of the Universities Commission (1889) requires that each student shall pay a matriculation fee of one guinea, at the commencement of each winter session, for the whole academical year then next ensuing; and any student desirous of attending a class or classes during a summer session, without having matriculated at the commencement of the immediately preceding winter session, shall in respect of such summer session pay a matriculation fee of half a guinea. The University Court is empowered in special circumstances to permit persons who have not matriculated to attend any single class in any Faculty, on payment of an Entrance Fee of Five Shillings in addition to the authorized class fee, subject to the following provisions, viz. :—(1) That attendance on any class without payment of the matriculation fee shall not qualify for graduation in any Faculty, (2) that persons who have not paid the matriculation fee shall not be entitled to a certificate of attendance on any class, and (3) that payment of such entrance fee shall not confer any University privilege other than the right of attendance on such class. The office of the Clerk of Senate will be open for the purpose of Matriculation on and after 14th October.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and, under certain conditions, to the Hunterian Museum; they are also entitled to vote for the Lord Rector. They are classified as students in Arts, Science, Divinity, Law, and Medicine, according to the nature of their studies; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

By Ordinance No. 18[1] of the Universities Commissioners (1889) the University Court was empowered to admit women to graduation, and to provide for their instruction, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. Under this ordinance women were for the first time admitted as matriculated students of this University in Session 1892-93.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the Eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University. In the Royal Infirmary certain wards are appropriated to the clinical instruction of women.

UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is Convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at half-past Two o'clock, in the Bute Hall. The services are conducted by graduates of this University and other clergymen of various denominations.

GYMNASIUM.

This building was erected by public subscription, and fitted according to the most improved models, under the superintendence of the late Mr. Maclaren of Oxford, at a total cost of £2600, and was opened for the first time in January, 1872.

The instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Classes are held on Mondays, Wednesdays, and Fridays from 10 A.M. till 1 P.M., and on the

[1] This ordinance is given in full in the *University Calendar* for 1892-93, pp. 504-506.

afternoons of Wednesdays and Fridays from 4.30 till 5.30. Students may join any one of the above classes. Each class meets three days a week, with the exception of the afternoon class, which meets only twice a week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and a special evening class is formed for their benefit, which meets on Mondays and Thursdays from 8 P.M. till 10 P.M.

Fees.—1. *For all Students:* One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; Six months, 20s. 2. *For Non-Students:* the Quarter (*i.e.* twice a-week for three months), 15s.; whole season (seven months), 35s.

The Oxford Silver Medal, presented annually by the late Mr. Maclaren, for competition among the students, is continued by the Gymnasium, and, at the competition in March, 1896, was gained by John M. Maclean. The Bronze Medal for competition among the non-students is also continued.

Classes are formed after Christmas to meet twice a week for instruction in boxing and fencing.

In 1894 the Gymnasium Committee agreed to grant the use of the Gymnasium to students attending Queen Margaret College. Suitable hours and days for holding a class are arranged at the beginning of the session. Last year the class met once a week, on Tuesdays at 4.30 P.M.

The Gymnasium is managed by a joint-committee of professors and students.

Hon. Treasurer, Matthew P. Fraser, LL.B., 91 West Regent Street, Glasgow.

Hon. Secretary, J. Grant Millar, 9 Bute Mansions, Hillhead.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the ordinary degree of M.A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy, and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—TABLE OF UNIVERSITY FEES.

I.—Matriculation Fees.

At the commencement of each Academical Year, which extends from 1st October to 30th September, and includes both Winter and Summer Sessions, ...	£1	1	0
At the commencement of each Summer Session, if the Student has not matriculated for the Academical Year then current, ...	0	10	6

II.—Entrance Fees.

On admission, in special circumstances, of persons who are not matriculated Students of the University to any single class in any Faculty, ...	0	5	0

N.B.—Attendance under this Regulation does not qualify for Graduation, and no Certificate for such attendance is given. The Entrance Fee confers no University privileges other than the right of attendance above mentioned.

III.—Enrolment Fees (extra-mural lectures).

At the commencement of each year of attendance on the lectures of Extra-Academical Teachers in Glasgow, whose Lectures are recognized for Graduation in Medicine or Science, ...	1	1	0

IV.—Examination Fees.

For Preliminary Examinations in Arts, Science, or Medicine—			
On each entry for Examination, ...	0	10	6
For Degree of Master of Arts (M.A.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Degree of Bachelor of Science (B.Sc.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Certificate in Engineering Science—			
On entering for last subject of Examination, ...	1	1	0
For Degree of Doctor of Letters—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Philosophy—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Science (D.Sc.)—			
Previous to Graduation, ...	10	10	0
For Degrees of Bachelor of Medicine (M.B.), and Bachelor of Surgery (Ch.B.)—			
On entering for First Professional Examination, ...	6	6	0
,, Second ,, ,, ...	6	6	0
,, Third ,, ,, ...	5	5	0
,, Fourth ,, ,, ..	5	5	0

For Degree of Doctor of Medicine (M.D.)—Old Regulations—			
On lodging Thesis, ...	£5	5	0
For Degree of Doctor of Medicine (M.D.)—New Regulations—			
On entering for Examination, ...	10	10	0
For Degree of Master of Surgery (Ch.M.)—			
On entering for Examination, ...	10	10	0
For Diploma in Public Health—			
On entering for Examination, ...	5	5	0
For Degree of Bachelor of Laws (LL.B.)—New Regulations—			
The Fee for this Degree is	6	6	0
Payable £1 1s. on entering for Examination in each subject till £6 6s. are paid.			
For Degree of Bachelor of Law (B.L.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject, balance at Graduation.			
For Degree of Bachelor of Divinity (B.D.)—			
On entering for Examination in First Department,	2	12	6
,, ,, Second ,,	2	12	6
For Examination of Candidates for the Army—			
On entering for Examination, ...	2	2	0

V.—Class Fees (*see* pages 50-55 and 119-121).

VI.—Library Fees.

Each Member of the General Council, each year (commencing 15th October) in which he wishes use of Library, ...	0	10	6
Or,			
This may be compounded for by a single payment of ...	5	5	0
Every Matriculated Student enrolled in a Class, and every Extra-Mural Student, who wishes use of Library, a *deposit* of	1	0	0
Special Readers—each year in which the privilege is granted, ...	0	10	6

VII.—Registration Fee.

All Candidates proceeding to Graduation after Examination who are not already members of the General Council are required by the Act 44 and 45 Vict., Ch. 40, to pay the Registration Fee, with a view to their names being enrolled in the General Council. The Fee is	1	0	0

III.—SEPARATE FACULTIES AND CLASSES.

The University Classes will meet as follows, daily, unless otherwise specified :—

WINTER SESSION 1896-97.

I.—ARTS.

Thursday, 15th October, 1896.

Classes.	*Hours.*	*Class Fees.*	
Latin, Junior,	8 a.m.,	£3 3	Prof. Ramsay.
——— *Middle,*	8 a.m. and 11 a.m.,	3 3	
——— *Senior,*	9 a.m. and 1 p.m.,	3 3	
——— *Private or Honours,*	1 p.m.,	3 3[1]	
——— *Latin Prose,*	1 p.m., Wed.,	1 1	
Greek, Junior,	12 noon,	3 3	Prof. Murray.
——— *Middle,*	10 a.m.,	3 3	
——— *Senior,*	8 a.m. and 12 noon,	3 3	
——— *Honours,*	12 noon,	3 3[1]	
——— *Prose,*	12 noon, once weekly,	1 1	
English,	4.30 p.m.,	3 3[1]	Prof. Bradley.
———*Honours,*	12 noon, Mon., Wed., Fri.,	3 3	
French,	3 p.m.,	3 3	Mr. A. Mercier.
German,	2 p.m.,	3 3	Dr. Tille.
Hebrew, Junior,	10 a.m.,	3 3	Prof. Robertson.
———*Senior,*	9 a.m.,	3 3	
Syriac,		1 1	
Logic and Metaphysics,	9 a.m. daily,	3 3	Prof. Adamson.
——— *Honours Course,*		3 3	
Moral Philosophy,	8 a.m.,	3 3	Prof. Jones.
——— *Honours Course,*	1 p.m., Mon., Wed., Fri.,	3 3	
Political Economy (Half Course),	5.30 p.m., Mon., Tues., Wed., and Th.,	2 2	Dr. Smart.
Education (Theory, History, and Art of),	3.15 p.m.,	3 3	Dr. Ross.
Philosophy of Law,	5.30 p.m., Tues., Fri., and alternate Wed.,	3 3	Mr. W. G. Miller.
Mathematics, First,	9 a.m. or 10 a.m.,	3 3	Prof. Jack.
——— *Second,*	12 noon or 9 a.m.,	3 3	
——— *Honours (Intermed.),*	10 a.m.,	3 3	
——— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	Prof. Lord Kelvin.
——— *Honours Course,*	12 noon,	4 4[2 3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	

[1] Fee for a Second or subsequent Session, £2 2s.
[2] Fee for a Second or subsequent Session, £3 3s.
[3] Fee for Honours Course following upon Ordinary Class, £3 3s.

Classes.	Hours.	Class Fees.	
Astronomy, First, (Half Course,)	3 p.m., Mon., Wed., and alternate Fri.,	£2 2	Prof. Becker.
Chemistry,	10 a.m.,	3 3[1]	
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	Prof. Ferguson.
——— *(Half Session),*		5 5	
Zoology,	9 a.m.,	3 3[1]	
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3	Prof. Young.
Botany (in Summer),			Prof. Bower.
Geology (*Half Course*—Jan.)	5.30 p.m.,	3 3[1]	Prof. Young.
History,	10 a.m.,	3 3	
——— *Honours Course,*	11 a.m., Mon., Wed., Fri.,	3 3	Prof. Lodge.
Constitutional Law and History (*Half Course*),	4.30 p.m.,	3 3	
——— *Honours Course,*	1 p.m., Mon., Wed., Fri.,	3 3	Mr. W. S. M'Kechnie.
Roman Law,	5.30 p.m.,	4 4	Mr. J. M. Irvine.
Public Law (*Half Course*),	5.30 p.m., Mon., Thur., and alternate Wed.,	3 3	Mr. W. G. Miller.

II.—SCIENCE.

Thursday, 15th October, 1896.

Classes.	Hours.	Class Fees.	
Mathematics, First,	9 a.m. or 10 a.m.,	£3 3	
——— *Second,*	12 noon or 9 a.m.,	3 3	
——— *Honours (Intermed.),*	10 a.m.,	3 3	Prof. Jack.
——— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	
——— *Honours Course,*	12 noon,	4 4[2 3]	Prof. Lord Kelvin.
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	
Astronomy, First,	3 p.m., Mon., Wed., and alternate Fri.,	2 2	
——— *Second,*	3 p.m., Tues., Th., and alternate Fri.,	2 2	Prof. Becker.
——— *First and Second in same Session,*		3 3	
Chemistry,	10 a.m.,	3 3[1]	
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	Prof. Ferguson.
——— *(Half Session),*		5 5	
Anatomy, Junior,	1 p.m.,	3 3[1]	Prof. Cleland and Demonstrators.
——— *Senior,*	11 a.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3[4]	
Physiology,	12 noon,	3 3[1]	
Practical Physiology,	(See page 86),	3 3	Prof. M'Kendrick and Muirhead Demonstrator.
——— *Advanced*	(See page 86),	3 3	
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	
——— *(Half Session),*		5 5	

[1] Fee for a Second or subsequent Session, £2 2s.
[2] Fee for a Second or subsequent Session, £3 3s.
[3] Fee for Honours Course following upon Ordinary Class, £3 3s.
[4] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	Hours.	Class Fees.	
Natural History—			
Zoology (Oct.),	9 a.m.,	£3 3[1]	Prof. Young.
Geology and Mineralogy (Jan.),	5.30 p.m.,	3 3[1]	Prof. Young.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	Prof. Young.
Botany, Advanced,	(See page 80),	3 3	Prof. Bower.
Botanical Laboratory, Advanced (Jan.),	(See page 80),	3 3	Prof. Bower.
Engineering, Class I.,	8 a.m., Mon., Wed., Fri.,	2 2	Prof. Barr.
——— *II.*,	8 a.m., Tues., Thurs., and Sat.,	2 2	Prof. Barr.
——— *III.*,	(not in 1896-97),	2 2	Prof. Barr.
——— *IV.*,	9 a.m. daily, ex. Sat.,	3 3[1]	Prof. Barr.
Engineering Drawing, etc.,	9 a.m. till 5 p.m. daily, except Sat.,	3 3[2]	Prof. Barr.
Engineering Laboratory,	9 a.m. to 5 p.m.,	6 6	Prof. Barr.
——— (*Second Session*),		3 3[3]	Prof. Barr.
Naval Architecture and Marine Engineering, Junior,	12 noon, Mon., Wed., and Fri.,	3 3	Prof. Biles.
——— *Senior*,	11 a.m., Mon., Tu., & Th.,	3 3	Prof. Biles.
——— *Practical, Junior*,	2 till 5 p.m., Tu., Wed., Th., and Fri.,	3 3	Prof. Biles.
——— *Senior*,	2 till 5 p.m., Tu., Wed., Th., and Fri.,	3 3	Prof. Biles.

III.—MEDICINE.

Thursday, 15th October, 1896.

Classes.	Hours.	Class Fees.	
Natural History, Zoology,	9 a.m.,	£3 3[1]	Prof. Young.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	Prof. Young.
Botanical Laboratory, (Jan., Feb., Mar.),	10 a.m.,	3 3[1]	Prof. Bower.
Chemistry,	10 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	Prof. Ferguson.
——— (*Half Session*),		5 5	Prof. Ferguson.
Physics (Jan.),	2 p.m.,	3 3[1]	Dr. M. Maclean.
Anatomy, Junior,	1 p.m.,	3 3[1]	Prof. Cleland and Demonstrators.
——— *Senior*,	11 a.m.,	3 3[1]	Prof. Cleland and Demonstrators.
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3[4]	Prof. Cleland and Demonstrators.
Physiology,	12 noon,	3 3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	Prof. M'Kendrick and Muirhead Demonstrator.
——— (*Half Session*),		5 5	Prof. M'Kendrick and Muirhead Demonstrator.
Materia Medica and Therap.,	1 p.m.,	3 3[1]	Prof. Charteris.
Pathology, Systematic,	3 p.m.,	3 3[1]	Prof. Coats.
——— *Demonstrations only*,		1 1	Prof. Coats.
Surgery,	12 noon,	3 3[1]	Prof. Macewen.
Midwifery,	2 p.m.,	3 3[1]	Prof. Cameron.
Practice of Medicine,	11 a.m.,	3 3[1]	Prof. Gairdner.
Clinical Medicine,	9 a.m., (see p. 56)		Prof. M'Call Anderson and Prof. Gairdner.
Clinical Surgery,	9 a.m., (see p. 56)		Prof. George Buchanan and Prof. Macewen.

[1] Fee for a Second or subsequent Session, £2 2s.
[2] Fee for a Third or subsequent Session, £2 2s.
[3] Fee for a Second or subsequent Session, £3 3s.
[4] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Ear,	4 p.m., Tu. (University), 4 p.m., Wed. (practical instruction),	£1 1	Thos. Barr, M.D.
Throat and Nose,	4 p.m., Thurs. and Fri.,	1 1	J. Walker Downie, M.B.

IV.—LAW.

Thursday, 15th October, 1896.

Classes.	*Hours.*	*Class Fees.*	
Scots Law,	8 a.m.,	£4 4[1]	Prof. Moody Stuart.
Civil Law,	5.30 p.m.,	4 4[1]	Mr. J. M. Irvine.
Conveyancing,	8 a.m.,	4 4[1]	Prof. Moir.
Constitutional Law and History,	4.30 p.m.,	4 4[1]	Mr. W. S. M'Kechnie.
——— (*Half Course*),		3 3	
Mercantile Law,	9 a.m.,	4 4[1]	Mr. James Mackenzie.
——— (*Half Course*),		3 3	
Public International Law,	5.30 p.m., Mon., Wed., Th.,	3 3	Mr. W. G. Miller.
Jurisprudence, General or Comparative,	5.30 p.m., Tues., Wed., Fri.,	3 3	
International Private Law (in Summer),			
Political Economy,	5.30 p.m., Mon., Tu., Wed., Th.,	3 3	Dr. Smart.
——— (*Half Course*),		2 2	

V.—THEOLOGY.

Thursday, 29th October, 1896.

Classes.	*Hours.*	*Class Fees.*	
Divinity, Senior,	11 a.m.,	£3 3	Prof. Hastie.
——— *Junior,*	12 noon,	3 3	
Hebrew, Junior,	10 a.m.,	3 3	Prof. Robertson.
———*Senior,*	9 a.m. daily, and 1 p.m., Tu. and Th.,	3 3	
———*Private,*	1 p.m., Mon., Wed., Fri.,		
Ecclesiastical History, Junior,	11 a.m.,	3 3	Prof. Story.
———*Senior,*	12 noon,	3 3	
Biblical Criticism,	10 a.m.,	3 3	Prof. Stewart.
New Testament Greek,	9 a.m., Tu., Wed., Th.,	2 2	

SUMMER SESSION 1897.

I.—ARTS.

Tuesday, 20th April, 1897.

Classes.	*Hours.*	*Class Fees.*	
Physical Laboratory,	10 a.m. to 4 p.m.,	£4 4	Prof. Lord Kelvin.
Practical Chemistry,	9 to 11 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	
Practical Zoology,	10 a.m. to 1 p.m.,	3 3[1]	Prof. Young.
Botany,	8 a.m.,	3 3[1]	Prof. Bower.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[1]	

[1] Fee for a Second or subsequent Session, £2 2s.

Tuesday, 27th April, 1897.

Classes.	Hours.	Class Fees.	
Latin,	11 a.m.,	£2 2	[1] Mr. John Brown.
Greek,	10 a.m.,	2 2	[1] Mr. R. M. Burrows.
Mathematics,	9 a.m.,	2 2	[1] Mr. Daniel Lamont.
Hebrew,	9 a.m.,	2 2	Prof. Robertson and Mr. T. H. Weir.

II.—SCIENCE.

Tuesday, 20th April, 1897.

Classes.	Hours.	Class Fees.	
Practical Zoology,	10 a.m. to 1 p.m.,	£3 3 [2]	Prof. Young.
Botany,	8 a.m.,	3 3 [2]	Prof. Bower.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3 [2]	
Physical Laboratory,	10 a.m. to 4 p.m.,	4 4	Prof. Lord Kelvin.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	Prof. Ferguson.
Chemistry, Higher,		3 3	
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2 [3]	Prof. Cleland and Demonstrators.
Practical Physiology,	12 noon,	3 3 [2]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5 5	

III.—MEDICINE.

Tuesday, 20th April, 1897.

Classes.	Hours.	Class Fees.	
Physics,		£3 3	Prof. Bower.
Botany,	8 a.m.,	3 3 [2]	
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3 [2]	
Clinical Medicine,	9 a.m.,	(see p. 56)	Prof. M'Call Anderson and Prof. Gairdner.
Clinical Surgery,	9 a.m.,	(see p. 56)	Prof. George Buchanan and Prof. Macewen.
Practical Chemistry,	9 to 11 a.m.,	3 3 [2]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	
Chemistry, Higher,		3 3	
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2 [3]	Prof. Cleland and Demonstrators.
Embryology,	11 a.m.,	2 2	Prof. Cleland and J. F. Gemmill, M.B.

[1] Lecturers for 1896. The Lecturers for 1897 will be appointed in March.

[2] Fee for a Second or subsequent Session, £2 2s.

☞[3] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*		
Practical Anatomy and Embryology, if taken together,		£3	3	
Practical Zoology,	10 a.m. to 1 p.m.,	3	3[1]	Prof. Young.
Practical Materia Medica,	12 noon,	3	3[1]	Prof. Charteris.
Practical Physiology,[2]	12 noon,	3	3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5	5	
Practice of Medicine,	1 p.m., Tu. and Th.,		[3]	
Medical Jurisprudence and Public Health,	11 a.m.,	3	3[1]	Prof. Simpson.
Practical Pathology,[2]	12 noon,	3	3[1]	Prof. Coats.
Operative Surgery,	12 noon, with practical work at other hours as may be arranged.	2	2	Prof. Macewen.
Diseases of Women,	2 p.m., Tu., Th., Fri.,	2	2	Prof. Cameron.
Insanity,	12 noon, Wed. (University), 3 p.m., Wed., 10 a.m., Sat. (Gartnavel),	2	2	Dr. Yellowlees.
Eye,	2 p.m., Tu. and Th.,	2	2[4]	Dr. T. Reid.

IV.—LAW.

Tuesday, 20th April, 1897.

Classes.	*Hours.*	*Class Fees.*		
Forensic Medicine,	11 a.m.,	£3	3	Prof. Simpson.
International Private Law,	5.30 p.m.,	3	3	Mr. W. G. Miller.

[1] Fee for a Second or subsequent Session, £2 2s.
[2] After first Lecture, the Class will meet in divisions.
[3] Open to all Matriculated Students of the University who have completed their Second Winter of Medical study. This course is supplementary to the Winter course, and takes up special subjects, to be announced in the Summer bills.
[4] Includes fee for attendance at Eye Infirmary.

In addition to the University Courses, the following Hospitals and Dispensaries afford ample means for Practical Instruction in the various departments of Medicine and Surgery :—

Western Infirmary.—This Hospital contains 400 beds for medical and surgical patients, including Wards for Skin Diseases, and one for diseases peculiar to females. *Physicians*—Prof. W. T. Gairdner, M.D., LL.D., F.R.S.; Prof. T. M'Call Anderson, M.D.; James Finlayson, M.D.; Gavin P. Tennent, M.D.; Samson Gemmell, M.D. *Physicians for Diseases of Women*—Prof. Murdoch Cameron, M.D.; W. L. Reid, M.D. *Assistant Physicians*—John Alexander, M.D.; William G. Dun, M.D.; R. S. Thomson, M.B.; Geo. Dickson, M.D.; C. O. Hawthorne, M.B. *Surgeons*—Prof. George Buchanan, M.D., LL.D.; A. Patterson, M.D.; Hector C. Cameron, M.D.; Professor William

Macewen, M.D., LL.D. *Honorary Consulting Ophthalmic Surgeon*—T. Reid, M.D., LL.D. *Assistant Surgeons*—J. C. Renton, M.D.; George T. Beatson, M.D. *Dispensary Physicians*—James Hinshelwood, M.D.; R. M. Buchanan, M.B.; A. W. Russell, M.A., M.D.; R. B. Ness, M.A., M.B.; William MacLennan, M.B. *Extra Dispensary Physicians*—William R. Jack, M.D.; Henry E. Jones, M.B.; Hugh Galt, M.B.; James Carslaw, M.A., M.B. *Dispensary Physicians for Diseases of Women*—W. L. Reid, M.D.; Robert Kirk, M.D.; Professor Murdoch Cameron, M.D. *Dispensary Surgeons*—T. K. Dalziel, M.B.; Duncan Macartney, M.B.; James H. Nicoll, M.B. *Extra Dispensary Surgeons*—Andrew Moyes, M.B.; George Burnside Buchanan, B.A. (Cantab.), M.B.; George Lapraik, M.B. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Dispensary Surgeon for Diseases of the Throat*—J. Walker Downie, M.B. *Surgeon Dentist*—W. D. Woodburn, L.D.S. *Pathologist*—Professor Joseph Coats, M.D. *Vaccinator*—John W. Nicol, M.B. *Medical Superintendent*—Donald J. Mackintosh, M.B. *Lady Superintendent*—Miss E. Clyde. *Secretary*—Henry Johnston, 125 Buchanan Street. The hour of visit is 9 A.M. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays and Thursdays at 12 noon. The station is recognized by the Local Government Board. Fee, £1 1s. According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10 10s., will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of the said year.

2. That every student who has thus paid £10 10s., and shall at the commencement of his Second Year pay a further Fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4 4s.

5. Any student who shall have paid Fees to the amount of £21 or upwards, in the payments as stated above, shall be

entitled to a Ticket, admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. There shall be two courses of Clinical Instruction—the one in the Winter, and the other in the Summer session.

Students who have taken the Hospital Ticket previous to 1st October, 1876, will continue at the scale of Fees then in use, but an additional payment of £10 10s. will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a Fee of £2 2s.

Out-Door Visitation.—Senior Students who have passed their Third Professional Examination are permitted to visit the sick poor in the Anderston district, under the supervision of certain Professors of the University and assistants.

Royal Infirmary.—Hour of Visit—Surgical, 9 a.m. ; Medical, 10 a.m. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary, excepting fee for six months, which is £6 6s. in the Royal Infirmary.

Eye Infirmary, 170 Berkeley Street.—Hour of Visit, 1 p.m. daily. Fee for six months, £2 2s.; free to those attending the Lectures on the Eye delivered in the University.

Insanity.—During the Summer Session Dr. Yellowlees gives in the University a Course of Lectures on Insanity at 12 noon on Wednesdays, and Clinical Instruction at the Glasgow Royal Asylum, Gartnavel, at 3 p.m. on Wednesdays and 10 a.m. on Saturdays. Fee for the combined Course, £2 2s.

There are also Dispensaries for Diseases of the Skin and Ear, and Clinical Instruction in Fevers is given at the Belvidere Hospital.

FACULTIES IN THE UNIVERSITY.

The whole classes of the University are arranged in five Faculties—Arts, Science, Medicine, Law, and Divinity.

I.—FACULTY OF ARTS.

The Faculty of Arts comprehends four Departments of study, viz.:—A. *Language and Literature*, embracing the classes of

Humanity, Greek, English, French, German, Hebrew and Semitic Languages; B. *Mental Philosophy*, comprising Logic and Metaphysics, Moral Philosophy, Political Economy, Theory, History, and Art of Education, and Philosophy of Law; C. *Science*, including Mathematics, Natural Philosophy, Astronomy, Chemistry, Zoology, Botany, and Geology; D. *History and Law*, containing History, Constitutional Law and History, Roman Law, and Public Law.

A. LANGUAGE AND LITERATURE.

I. HUMANITY.

The original foundation of this Professorship is not extant; but it appears from the records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

Professors from the year 1706.

1706. Andrew Rosse.
1735. George Rosse.
1754. George Muirhead.
1773. Wm. Richardson, M.A.
1815. Josiah Walker, M.A.
1831. William Ramsay, M.A.
1863. George G. Ramsay, M.A., LL.D.

The Humanity Class consists of four divisions—*Junior*, *Middle*, *Senior*, and *Private* or *Honours Class*, which latter class all members of the ordinary Senior Class have the option of attending. Students not requiring a Public Certificate for the Degree or other purpose may attend as Private Students. Private Students are students who attend the class without taking part in the class work.

In all the classes the students prepare certain work prescribed, and are examined orally every day. In the Private or Honours Class the business is conducted largely by Lectures and Prelections delivered by the Professor.

Junior Class.

The Junior Class meets daily from 8 to 9 a.m. on every week day except Saturday. The subjects of study are: Ovid, Tibullus, Virgil, Cicero, Livy—Latin Grammar—Prosody—Easy Latin Prose Composition.

Middle Class.

The Middle Class meets daily from 8 to 9 a.m., and from

11 A.M. to 12. The subjects read are: Ovid, Tibullus, Propertius, Virgil, Horace, Cicero, Livy, together with Latin Prose Composition—Grammar—Prosody—History and Antiquities.

Students entering the Middle Latin Class must have a good knowledge of Latin Grammar, and be able to translate at sight simple passages from Latin into English, and both simple and compound sentences from English into Latin. All students desiring to enter the Junior or Middle Latin Class for the first time in November, 1896, will be examined in the above subjects on Tuesday, 20th October, at 8 A.M., and they will be placed in the Middle or Junior Class, respectively, in accordance with the result of that examination.

Senior Class.

The SENIOR CLASS meets daily from 9 to 10 A.M., and all students attending the Senior Class have the option also of attending the Private or Honours Class from 1 to 2 P.M. The subjects of study in the class at 9 A.M. are:—The works of Horace —Propertius—Virgil—Cicero—Sallust—Livy—Tacitus—Latin Prose Composition—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session. Students may enrol in the Senior Class for Latin Prose only, attending once a week, on Wednesdays at 1 P.M.

All students who propose to join the Senior Class are examined on paper, at the commencement of the session, to test their fitness for the class. The examination for 1896-97 will be held on Tuesday, 20th October, at 9 A.M. The paper will include (*a*) *Sentences or passages for translation into Latin.* Students will be examined in Ramsay's Latin Prose Composition, Vol. I. (*b*) *Translation.* Students who have attended the Junior or Middle Class in their first session are required to satisfy the Professor, in the examination prescribed above, that they are fit to enter the class.

Private or Honours Class, 1 p.m.

This class is an Honours or Third-year Class, at which advanced work is read. All students who attend the 9 A.M. class attend at 1 P.M. also, unless exempted for special reasons.

One subject is read and lectured upon on Mondays and Fridays; another on Tuesdays and Thursdays; on Wednesdays special classes in Latin Prose are held, at which all students of

the 9 A.M. class attend. Students are allowed to attend as Private Students, *i.e.* as listeners only, without doing any of the work of the class; but in that case they do not receive tickets qualifying for the Degree.

Students wishing to do Latin Prose, for the Degree or other purposes, may attend one of the special sections for Latin Prose which meet weekly at 1 P.M. on Wednesdays.

The students are examined orally and on paper at intervals during the session, both in the subjects read in the class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Terence—Lucretius—Catullus—Propertius—Virgil—Persius—Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin Prose are prescribed regularly, and in the Private Class exercises in Latin or English Verse may be prescribed also.

The subjects read in the Session 1896-97 will be as follows:—

1. PRIVATE OR HONOURS CLASS, AT 1 P.M.—Juvenal; Horace, *Epistles* I.; Lucretius, III., IV.; Virgil, *Æn.* XII.

2. SENIOR CLASS, AT 9 A.M.—Propertius (Ramsay's Selections); Cicero, *Pro Roscio*; Tacitus, *Annals* V., VI. (Church & Brodribb); Antiquities and Prosody.

3. MIDDLE CLASS, AT 8 A.M.—Cicero, *Pro Cluentio* (Ramsay); Virgil, *Georgic* IV. (Sidgwick); Ramsay's Latin Prose Composition, Vol. I.

AT 11 A.M.—Tibullus (Ramsay); Livy, XXI. (Capes); Ramsay's Antiquities.

4. JUNIOR CLASS, AT 8 A.M.—Selections from Ovid (Ramsay); Cicero, *De Senectute* (Sidgwick); Ramsay's Latin Prose Composition, Vol. I.

II. GREEK.

This Professorship was founded by the College in or about the year 1581. The Professor is elected by the University Court.

Professors from the year 1704.

1704. A. Dunlop, LL.D.
1746. James Moor, LL.D.
1774. John Young, M.A.
1821. Sir Daniel K. Sandford, M.A.
1838. Edmund L. Lushington, LL.D.
1875. R. C. Jebb, D.C.L., Litt. D., LL.D.
1889. G. G. A. MURRAY, M.A.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a Public Certificate may attend as Private Students, *i.e.* without doing the work of the class.

Students are placed in the Middle and Junior Classes respectively in accordance with the result of an examination held at the opening of the session. This examination will be held on Friday, 16th October, 1896. Accurate knowledge of the Elements of Accidence and Syntax will be required. A piece of unseen translation will also be set.

Students who have sat for the University Preliminary Examination need not sit for this special examination.

All students should possess the following books:—*Ancient Atlas*; *Greek Lexicon*, Liddell & Scott (large or intermediate edition—the small edition is not sufficient); *Primer of Greek Literature*, Jebb; *Greek Grammar*, Sonnenschein. *All students before joining even the Junior Class should prepare this Grammar* (*Accidence*) *to the end of the Verb.*

Senior students are recommended to get Gow's *Companion to the School Classics*, and Seyffert's *Dictionary of Classical Antiquities, etc.*, translated by Nettleship and Sandys; or, in place of Seyffert, Smith's two small volumes, the *Classical Dictionary* and the *Dictionary of Antiquities.*

JUNIOR CLASS ('TIRONES').

The Junior Class meets at 12 noon every week-day except Saturday.

The class reads extracts from Xenophon and other Attic writers. There are also written exercises in Greek Composition, and examinations in Grammar.

MIDDLE CLASS ('PROVECTIORES').

The Middle Class meets at 10 A.M. on every week-day except Saturday.

The class usually reads the easier Attic authors, including Lucian. Written exercises in translation from English into Greek and from Greek into English form part of the work.

For teaching purposes the class is sometimes divided into two sections, called 'Upper' and 'Lower' Middle respectively.

SENIOR CLASS.

This is the ordinary qualifying class for graduation; all

members of it must have passed the Preliminary Examination in Greek on the higher standard.

The class meets at 8 A.M., and certain members of it at 12 noon, every week-day except Saturday.

The class hour is chiefly occupied by the Professor's lectures, but the class is liable to be examined orally or on paper every day. The work done includes the reading of Greek Authors; Greek Prose Composition; Written Exercises in translation; Greek History, Language, Antiquities, and Literature.

All students requiring a certificate of attendance must duly perform the work of the class; but those who do not require a certificate may attend as Private Students, *i.e.* without doing the work.

HONOURS CLASS ('SENIOR AND PRIVATE').

The Honours Class, or 'Senior and Private,' meets at 12 noon every week-day except Saturday. Members of the Senior Class are recommended to attend, but are not in any way bound to do so; they are not recommended to attempt the work of the class except in so far as it suits their convenience.

The work is similar to that done in the Senior Class, but more advanced, greater attention being given to the History of Literature, Philology, Criticism, and Philosophy. The Honours Students receive private help from the Teaching Staff in addition to the Lectures.

Subjects for Session 1896-97.

JUNIOR CLASS.—Sonnenschein's *Greek Grammar;* Sidgwick's *First Greek Writer;* Colson's *First Greek Reader* (Macmillan); Sidgwick's *Scenes from Aristophanes, Plutus.*

MIDDLE CLASS.—Xenophon, *Hellenica* I.-II.—Hailstone (Macmillan); Euripides, *Hercules Furens*—Grey and Hutchinson (Pitt Press); Plato, *Selections*—Sidgwick (Rivingtons); Composition and Written Translation.

SENIOR CLASS.—Demosthenes, *De Corona*—Holmes (Longmans); Thucydides I., II.—Bigge (Longmans); Sophocles, *Oedipus Tyrannus*—Jebb (Pitt Press); Composition and Written Translation; Oman's History of Greece.

HONOURS CLASS.—Aristotle, *Poetics*, with Lectures on the History of the Greek Drama; *Iliad* VI.; Pindar, *Pythian*

Odes, with Lectures on Greek Lyric Poetry; Composition; a course of translations illustrating Inscriptional and Dialectic Greek.

III. ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861, and is in the gift of the Crown.

Professors.

1862. John Nichol, LL.D.

1889. Andrew Cecil Bradley, M.A.

N.B.—*Students will find it much to their advantage to take the English Literature Class, as has hitherto been the custom, in the later part of their Course.*

The subjects of the Ordinary Degree Examinations in October, 1896, *and in April and October,* 1897, *will be found on p.* 162. *It is necessary for students who enter for these examinations in a session later than that in which they attended the class, to pay special attention to the information there given.*

The class meets daily, except on Saturday, at 4.30 P.M.

The work of the class will comprise the following subjects:—

1. English Composition. Text-books: Nichol's *Composition Primer*, and Nichol and M'Cormick's *Questions and Exercises on English Composition.*

2. The Outlines of English Philology.

3. English Imaginative Literature, from the death of Burns to the death of Byron, with special reference to the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats, and to the novels of Jane Austen and Scott. Text-books:—The poetical works of the authors named, and the following novels: *Pride and Prejudice*, *Emma*, *Ivanhoe*, *The Heart of Midlothian*, *The Bride of Lammermoor*, and (probably) *Old Mortality* and *Rob Roy.*

4. (*a*) Shakespeare's *Macbeth* (Clarendon Press edition).

(*b*) *Selections from the Spectator*, ed. Deighton (Macmillan).

Honours Class.—Lectures will be given on (1) The general history of English Literature from 1350, (2) The poetry of Shelley and Keats, and (3) some of the following subjects: Addison, Fielding, and Goldsmith; Shakespeare's Roman plays; the Waverley Novels.

This class will meet on Monday, Wednesday, and Friday at 12 noon.

IV. FRENCH LANGUAGE AND LITERATURE.

This Lectureship was instituted by the University in 1895.

Lecturer.
1895. Alfred Mercier, L.-ès-L.

The French Class meets daily at 2 P.M., and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class will comprise the following subjects:

A. *Literature.*—Mondays and Fridays and alternate Wednesdays. History of the French Literature in the 19th century. Special study will be devoted to the following works: Chateaubriand, *René;* Victor Hugo, *Hernani*, *Ruy Blas;* Musset, *On ne badine pas avec l'amour (comédie);* G. Sand, *Indiana;* Ponsard, *Le lion amoureux;* Balzac, *Eugénie Grandet;* Augier, *Le gendre de Monsieur Poirier.*

B. *Language.*—Tuesdays and Thursdays and alternate Wednesdays. I. Outlines of French Philology; History of the French Language; Historical Grammar. II. Exercises in French Composition; Original Essays. III. Translation from and into French.

V. GERMAN LANGUAGE AND LITERATURE.

Lecturer.
Alexander Tille, Ph.D.

The work of the class will comprise the following subjects:—

A. *Language.*—Fifty lectures. Syntax of the Modern German Language, with special reference to the difference between the usage of the classics and the written language of to-day. (20 lectures in English.) Text-book: Brandt, A Grammar of the German Language, Boston, 1893. Translation into German of Mrs. Humphrey Ward's *Robert Elsmere*, Vol. I. (10 lectures.) Reading of Lenau's *Savonarola;* Freytag's *Journalisten;* Scheffel's *Trompeter;* Jordan's *Durchs Ohr;* Keller's *Der grüne Heinrich;* Spielhagen's *Die Sturmflut.* (10 lectures.) Ten lectures in German on German Life and Institutions. Essays will be written every fortnight.

B. *Literature.*—Fifty lectures in German. An historical and critical study of the German literature from its beginning

till 1492. (40 lectures.) Text-book: W. Wackernagel, *Geschichte der deutschen Literatur* (Basel, 1879), Vol. I. Reading of selected passages of the Nibelungenlied. (10 lectures.) Text-book: *Das Nibelungenlied*—F. Zarncke's small edition (Leipzig: Wigand).

The lectures under A will be given on Mondays, Thursdays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Language Class. The lectures under B will be given on Tuesdays, Fridays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Literature Class. Students who take German for purposes of graduation must attend both classes.

VI. HEBREW AND SEMITIC LANGUAGES.

(See under Faculty of Theology, p. 111.)

B. MENTAL PHILOSOPHY.

I. LOGIC AND RHETORIC.

This Professorship is one of those founded in the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. John Loudon.
1751. Adam Smith, LL.D.
1752. James Clow.
1787[1]. George Jardine, M.A.
1827[2]. Robert Buchanan, LL.D.
1864. John Veitch, LL.D.
1895. Robert Adamson, LL.D.

The Logic Class meets daily, on five days of the week, from 9 to 10 A.M.

The Course of Lectures will include the following subjects:—

I. Logic.—(A) Introduction on the Province and General Problems of Logic. (B) Pure Logic, including the treatment of Fallacy. (C) Theory of Scientific Method.

II. Psychology.—A general account of the composition and development of Mind, with a more detailed consideration of the process of knowledge.

[1] Mr. Jardine was assistant and successor to Mr. Clow from 2nd June, 1774.
[2] Mr. Buchanan was assistant and successor to Mr. Jardine from 1st October, 1824.

III. METAPHYSICS.—An introduction, historical and critical, to the general questions of Modern Philosophy. The historical reference will concern mainly the doctrines of Descartes, Locke, Berkeley, and Hume.

Students before entering the class are recommended to read some elementary work on Formal Logic, such as Jevons' *Elementary Lessons in Logic* or Fowler's *Deductive Logic*.

An advanced class will be held in which lectures will be given on some of the subjects prescribed for Honours in Mental Philosophy. Intimation of the days and hours of meeting will be made at the beginning of the session.

II. MORAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Gerschom Carmichael.
1730. F. Hutcheson, LL.D.
1746. Thomas Craigie.
1752. Adam Smith, LL.D.
1764. Thomas Reid, D.D.
1796[1]. Archd. Arthur, M.A.
1797. James Mylne, M.A.
1839. William Fleming, D.D.
1866. Edward Caird, D.C.L., LL.D.
1894. HENRY JONES, M.A., LL.D.

The Moral Philosophy Class meets at 8 A.M. on five days of the week, and the more advanced class, which is intended mainly to prepare students for the Degree with Honours, on Monday, Tuesday, and Thursday at 1 P.M.

In the ordinary class, Moral Philosophy is treated both historically and systematically. In connection with the systematic part of the course lectures are given on the metaphysical and psychological implications of Morals, and in connection with the historical part the development of Morals is traced, and an account given of the main ethical theories of ancient and modern times.

The work of the class will further comprise the study of Plato's Republic (translation by Davies and Vaughan), and students are recommended to read in conjunction therewith Bosanquet's *Companion to Plato's Republic*.

In the Higher Moral Philosophy Class the Professor will lecture on some of the subjects for the Degree with Honours.

[1] Mr. Arthur was assistant and successor to Dr. Reid from 22nd May, 1780.

III. POLITICAL ECONOMY.

This subject was attached to the Chair of Moral Philosophy till 1892, when a separate lectureship was instituted by the University.

Lecturer.

1892. William Smart, M.A., LL.D.

The Political Economy Class meets at 5.30 p.m.

The lectures, which are partly doctrinal, partly historical, cover the general principles of Economics, and embrace such subjects as the following:—*Production.*—The Factors; Land, Labour, Capital: their Relations in the Organization of Industry. *Exchange.*—The Theory of Value: Money, Credit, Banking; International Trade. *Distribution.*—The Theories of Rent, Profit, Interest, Wages. *Consumption.*—Income, Expenditure, Saving, Destruction; Effects on Production and Distribution. *Public Finance.*—Poor Laws, National Debts, Taxation. *Modern Problems.*—Protection, Trade Unions, the Unemployed, Bimetallism, Socialism.

The lectures are intended to accompany the study of prescribed books. To meet the requirements of the ordinances for Degrees in Law and in Arts, the first fifty lectures (or the last fifty lectures in the case of those who have taken Political Economy in a previous session) will count as a half-course. Candidates for the Arts Degree who may aim at the LL.B. standard will be examined in Bagehot's *Lombard Street* and Bastable's *Public Finance*, Books II. and III., in addition to the text-books of the year.

Note.—*The above arrangements are subject to modification before the opening of the session.*

IV. EDUCATION.

THEORY, ART, AND HISTORY OF EDUCATION.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. David Ross, M.A., B.Sc., LL.D.

The Education Class meets daily at 3.30 p.m. The course consists of one hundred lectures qualifying for graduation in Arts.

A. Theory of Education.—End and aim of Education. Order and mode of development of the mental faculties.

Adaptation of the curriculum to growing capacity. The training of the senses. The laws of association and memory as related to education. Cultivation of the imagination. Development of the will. Formation of habit and character. Authority and discipline. Emulation, praise, blame, rewards, punishment: their aims and methods.

Considerations determining the curriculum. Bifurcation into classical and modern sides. The manual and the technical in instruction.

B. Education as an Art.—General rules of method as deduced from theory. Modifications and limitations in practice. Correlation of studies. Oral teaching, text-books, note-books. The art of questioning. Model and criticism lessons. Infant and Kindergarten teaching. Object lessons. Detailed exposition of method as applied to the various subjects of the school curriculum. Special cases, the deaf, dumb, and blind.

School organization. The structure and equipment of school rooms. Sanitation and school hygiene, physical exercises, drill, recreation. Books and apparatus. Classification, time-tables, registration of attendance and results.

C. History of Education.—Systems of education now or formerly in vogue. The lives and work of eminent teachers. The theories of leading writers on Education.

Special periods will be dealt with from year to year. In 1896-97 the special subjects will be: (1) Education in Ancient Greece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero, Quintilian. (2) Rabelais, The Jesuits, Ascham, Port Royal. (3) Locke, Pestalozzi, Froebel, Bell, Lancaster, Stow, Herbert Spencer.

Books for class work and reference.—Fitch's *Lectures on Education;* Ascham's *Scholemaster;* Herbert Spencer's *Education;* Quick's *Educational Reformers;* Browning's *Educational Theories.*

In April and October, 1897, the subjects of examination for the Degree of M.A. will be those set forth in the preceding paragraphs.

V. PHILOSOPHY OF LAW.

(See under Faculty of Law, p. 105).

C. SCIENCE.

I. MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1691.

1691. George Sinclair.

1699. Robert Sinclair, M.D.
1711. Robert Simson, M.D.
1761. James Williamson, D.D.
1796[1]. James Millar, M.A.
1832. James Thomson, LL.D.
1849. Hugh Blackburn, LL.D.
1879. William Jack, LL.D.

First Class.

Subjects: *Euclid* and *Algebra*, from the beginning, and *Trigonometry* of right-angled triangles. The class meets from 9 to 10 daily, except on Saturdays. A more advanced section meets from 10 to 11 daily, except on Saturdays. Knowledge of the first book of Euclid and of Algebra, including simple equations, will be assumed in this section.

Second Class.

For students who have attended the First Class, or who have otherwise acquired a knowledge of Euclid, Books I., II., III., IV., and of Algebra, as represented by the first twenty-two Chapters (Chaps. XIV., XV., XIX. excepted) of Todhunter's larger text-book. Subjects: *Euclid*, Books V., VI., and XI. 1—21, more advanced *Algebra*, and the *Elements of Transversals* and of *Geometrical Conics*, *Trigonometry*, including solution of triangles. Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 12 to 1.

Intermediate Honours Class.

Subjects: *Plane Trigonometry*, *Analytical Conics*, *Differential and Elements of Integral Calculus.* The class meets from 10 to 11 daily, except on Saturdays.

Advanced Honours Class.

Subjects: *Integral Calculus*, *Spherical Trigonometry*, *Geometry of Three Dimensions*, *Differential Equations*, *Elements of Finite Differences.* The class meets at 11-12 on Mondays, Wednesdays, and Fridays.

[1] Mr. Millar was assistant and successor to Dr. Williamson from 26th Feb., 1789.

Attendance on the Mathematical Classes, for not less than two Winter Sessions, one of which must be on either the Second or the Intermediate Honours Class, is required for the degree of M.A., in the case of students who began their course before 1st Oct., 1892, "unless the candidate at the time of his entrance to the University shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class," in which case attendance on an Honours Class for one session is sufficient.

For the "Lorimer," the "Metcalfe," and the "Muir" Bursaries in Mathematics, see under Bursaries; and for the Cunninghame Gold Medal, see under Prizes.

II. NATURAL PHILOSOPHY.

This Professorship was founded by the Charter of *Nova Erectio* in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1727.

1727. Robert Dick.

1751. Robert Dick, M.D.	1796. James Brown, LL.D.
1757. John Anderson, M.A.	1803. W. Meikleham, LL.D.

1846. Lord Kelvin, D.C.L., LL.D., F.R.S.

The Natural Philosophy Class meets daily at 9 A.M. The hour is chiefly spent in statements of Principles, descriptions of Results of Observation, and experimental Illustrations.

The main divisions of the course are—(1) Abstract Dynamics; (2) Properties of Matter; (3) Sound, Light, Heat, Magnetism and Electricity.

A programme of the subjects which will be taken up, as far as time permits, during the Session 1896-97, will be published before the commencement of the session, and may be had on application at the Natural Philosophy Class-room.

The Higher Course, which meets at 12 noon daily, is devoted to Mathematical Demonstrations and Exercises in Kinetics and Statics, and to a course on some special subject of Mathematical Physics.

The text-books used are—

"A Treatise on Natural Philosophy," by Professors Sir William Thomson (Lord Kelvin) and P. G. Tait (Cambridge University Press); "Elements of Natural Philosophy," by the same authors (Cambridge University Press); "Dynamics and Hydrostatics," by J. T. Bottomley (W. Collins & Sons); "Heat" and "Elasticity," vol. iii. of Lord Kelvin's "Mathematical and Physical Papers" (Cambridge University Press); Deschanel's "Experimental Physics," translated by Everett; "Absolute Measurements in Electricity and Magnetism," by A. Gray (Macmillan & Co.); "Mathematical Tables," by J. T. Bottomley (Macmillan & Co.); "Physical Units," by M. Maclean.

The more elementary of the treatises by Thomson and Tait, along with Dynamics and Hydrostatics by Bottomley, will be used for the work required of all students of Natural Philosophy in the regular curriculum. The whole, or certain specified parts of the larger treatise, will be prescribed in connection with voluntary examinations and exercises in the class, and for candidates for the Degree of M.A. with Honours. Students who desire to undertake these higher parts of the business of the class ought to be well prepared on all the subjects of the Intermediate Honours Mathematical Class.

The Laboratory in connection with the class is open daily from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistant, and the Demonstrator in Experimental Physics.

For the Arnott and Thomson Demonstratorship in Experimental Physics, see p. 114.

III. ASTRONOMY.

(See under Faculty of Science, page 74.)

IV. CHEMISTRY.

(See under Faculty of Medicine, page 82.)

V. ZOOLOGY.

(See Natural History, under Faculty of Medicine, page 81.)

VI. BOTANY.

(See under Faculty of Medicine, page 80.)

VII. GEOLOGY.

(See Natural History, under Faculty of Medicine, page 81.)

D. HISTORY AND LAW.

I. HISTORY.

This Chair was founded by Ordinance No. 28 of the Universities Commission (1889) of date 5th June, 1893. The Professor is appointed by the University Court.

Professor.

1894. Richard Lodge, M.A.

The class meets daily at 10 A.M., except on Saturdays. The course consists of one hundred lectures qualifying for graduation. Students are required to pass three written examinations in the course of the session, and to hand in exercises on subjects set from time to time.

In the session of 1896-97 the Professor will lecture on the Outlines of British History to 1815. The following text-books are prescribed: Green, *Short History of the English People;* Gardiner, *Student's History of England*, or Ransome, *History of England;* Bright, *English History for Public Schools.* Books upon special periods will be recommended in a detailed syllabus which will be given to the class.

Honours Class.—This class will meet on Mondays, Wednesdays, and Fridays at 11 A.M. In each session the Professor will treat some period either of British or European history, with special reference to one or more contemporary authors.

In the session of 1896-97 the Professor will lecture on European History from 1714 to 1815. Prescribed books: *Recueil des Instructions données aux Ambassadeurs de France, Autriche*, ed. by A. Sorel (from p. 151); Rousseau, *Le Contrat Social;* Arthur Young, *Travels in France; Diaries and Correspondence of the First Earl of Malmesbury.*

The following books are recommended to students attending this class: Martin, *Histoire de France*, Vols. XV., XVI.; Carlyle, *Frederick the Great;* Coxe, *Bourbon Kings of Spain;* Rambaud, *History of Russia;* Paganel, *Histoire de Joseph II.;* Geffroy, *Gustave III. et la Cour de France;* Sorel, *L'Europe et la Révolution Française;* De Tocqueville, *France before the Revolution;* Mignet, *The French Revolution;* Morse Stephens, *The French Revolution;* Seeley, *Life and Times of Stein;* Fyffe, *History of Modern Europe*, Vol. I.; Lanfrey, *History*

of Napoleon; Mahan, *The Influence of Sea Power upon History*, and *The Influence of Sea Power upon the French Revolution and Empire.*

NOTE.—*The classes recognized as Honours Classes in the Group of* HISTORY *are the Honours Classes held by the Professor of History and by the Lecturer in Constitutional Law and History.*

II. CONSTITUTIONAL LAW AND HISTORY.

Lecturer.

1894. William S. M'Kechnie, M.A., LL.B.

(ORDINARY CLASS.—See under Faculty of Law, page 105.)

HONOURS CLASS.—In the winter session of 1896-97 a course of fifty lectures (qualifying *pro tanto* for graduation with Honours in the Group of History) will be given on the Constitutional History of England in the seventeenth century, with special reference to the period 1625 to 1660. Prescribed books: Hallam, *Constitutional History*, and Gardiner, *Documents of the Puritan Revolution.* Students are also recommended to consult Gardiner, *History of England*; Christie, *Life of Shaftesbury*; Macaulay, *History of England.* The class will meet on Mondays, Wednesdays, and Fridays at 1 p.m.

III. ROMAN LAW.

(See under Faculty of Law, page 104.)

IV. PUBLIC LAW.

(See under Faculty of Law, page 106.)

II.—FACULTY OF SCIENCE.

The Faculty of Science was instituted by Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, and embraces the classes of Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History (including Geology and Zoology), Botany, Anatomy, Physiology,[3] Civil Engineering and Mechanics, and Naval Architecture.

I. MATHEMATICS.

(See under Faculty of Arts, page 69.)

II. NATURAL PHILOSOPHY.

(See under Faculty of Arts, page 70.)

III. ASTRONOMY.

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown. By Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, it is now called Astronomy, and the Professor is a member of the Faculty of Science, the Chair having been transferred by the Universities Commission in 1893 from the Faculty of Arts to the newly instituted Faculty of Science.

Professors.

1760. Alex. Wilson, LL.D.	1803. James Cooper, D.D.
1784[1]. Patrick Wilson, LL.D.	1836. John P. Nichol, LL.D.
1799. W. Meikleham, LL.D.	1859. R. Grant, LL.D., F.R.S.

1893. Ludwig Becker, Ph.D., F.R.A.S.

An Observatory has always existed in connection with this Chair. The present Observatory is situated on an eminence in the immediate vicinity of the University buildings. The principal instruments are :—A Transit Circle of six inches aperture, by Ertel of Munich; an equatorially-mounted Reflector, of twenty inches aperture, by Grubb of Dublin, to which is attached an efficient star-spectroscope, of three and a half inches aperture; and an equatorially-mounted Refractor, of nine inches aperture, by Cooke of York. The students' department contains a Theodolite with Circles, fourteen inches in diameter, which is mounted in a rotating hut; and several sextants.

Dr. Wilson, the second occupant of the Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

The Trustees of the Bellahouston Bequest Fund made in 1894 the generous grant of one thousand pounds towards the Chair of Astronomy. The money has been expended in bringing the instruments at the Observatory into an efficient state.

The Professor of Astronomy is chiefly occupied in directing the operations of the Observatory; but he also delivers a Course of Lectures on Astronomy at the University during the session, and gives expositions on instruments and methods of observation at the Observatory.

[1] Dr. P. Wilson was assistant to his father from 5th June, 1782.

First Class.

Subjects: Elementary Mathematical Astronomy—The celestial sphere, description and theory of instruments, determination of latitude and time. Spherical Astronomy—Precession, Nutation, Aberration, Figure of the Earth, Newton's deductions from Kepler's Laws.

The class meets at 3 P.M. on Mondays, Wednesdays, and every second week on Fridays. Practical Demonstrations at the Observatory.

Books recommended for general reading:—Barlow and Bryan, *Elementary Mathematical Astronomy* (Univ. Corr. Coll. Tutorial Series, London); Young, *Text-book of General Astronomy.*

Second Class.

Subjects: Mechanics of the Heavens—Problem of two bodies, including Hamilton-Jacobi's treatment of the subject; problem of n bodies; Laplace's theory of the moon's motions; theory of precession and nutation.

The class meets at 3 P.M. on Tuesdays and Thursdays, and every second week on Fridays.

The first class counts as a half course for the Degree of M.A.; the two classes together, which may be taken in one session, are a full course for the Degree of B.Sc.

Students preparing for the Degree of B.Sc. in Engineering Science (under Regulations of 1890) are recommended to study the first eight chapters of Barlow and Bryan's *Elementary Mathematical Astronomy.*

IV. CHEMISTRY.

(See under Faculty of Medicine, page 82.)

V. NATURAL HISTORY.

(See under Faculty of Medicine, page 81.)

VI. BOTANY.

(See under Faculty of Medicine, page 80.)

VII. ANATOMY.

(See under Faculty of Medicine, page 84.)

VIII. PHYSIOLOGY.

(See under Faculty of Medicine, page 85.)

IX. CIVIL ENGINEERING AND MECHANICS.

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the

Crown. The emoluments of the Chair were increased in 1872 by a supplemental endowment[1] by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow; and more recently, in 1876, an Assistantship was founded by bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.[2]

Professors.

1840. Lewis D. B. Gordon, C.E.
1855. William J. Macquorn Rankine, C.E., LL.D.
1873. James Thomson, C.E., LL.D., D.Sc., F.R.S.
1889. Archibald Barr, D.Sc., M.Inst.C.E.

The courses of the Professor of Engineering extend throughout the winter session, that is from 15th October till 19th March. They comprise Lectures on Engineering Principles and Practice, Instruction in Geometrical Drawing and in Engineering Drawing and Calculations, and visits to Engineering Works and Manufactories.

These courses are designed primarily to suit students who intend to devote themselves to Civil, Mechanical, Electrical, or Mining Engineering; but the work of the classes will be found of direct practical utility to architects and to men who are engaged in any occupations connected with manufactures.

The work of the classes is not intended in any way to supersede the usual requirements of pupilage or apprenticeship in Engineering, but to enable the Engineer to gain such a knowledge of the principles underlying his profession or trade as he cannot acquire by only working in the office, in the field, or in the workshop. The classes may be attended either before or after pupilage or apprenticeship, or concurrently therewith.

Four Courses of Lectures are arranged for, three of which are delivered in each session.

To suit the convenience of men engaged in offices and works, two of the classes are held at 8 A.M., and the advanced course is held at 9 A.M.

Class I.—The Materials of Construction and the Elements of Applied Mechanics.—Mondays, Wednesdays, and Fridays at 8 A.M.—The Lectures will treat of the Origin, Preparation, Properties and Uses of the Chief Constructive Materials, especially of Cast Iron, Wrought Iron and Steel,

[1] The annual income of a sum of £5000.
[2] The salary for the Young Assistantship thus founded is £140 or thereby.

Brass and other Alloys, Timber, Building Stones, Cements and Concrete; and of Methods of Calculation and the more Elementary Principles of Mechanics in their application to problems connected with Engineering Structures and Machines.

Class II.—Surveying, Levelling, and Setting-out of Works.—Tuesdays, Thursdays, and Saturdays at 8 A.M.—Surveying with the Chain and with Angular Instruments; Telemetry; Levelling; the Optical and Mechanical Principles, Tests, and Adjustments of Surveying and Levelling Instruments; Setting out of Works, especially Setting-out of Railways; Mensuration of Areas of Land and of Volumes in Earth Works; the Execution of Civil Engineering Works. The Lectures will treat for the most part of those portions of the subject which are not readily learned in ordinary field and office practice.

Class III.—Prime Movers and the Mechanics of Machinery. — This class will not be held during the present session. It is held in alternate years with Class II., on Tuesdays, Thursdays, and Saturdays at 8 A.M. The Lectures treat of the Theory of Steam and Gas Engines, the structural details of Boilers and Engines, the Mechanics of Machinery, the Elements of Machine Design, the Transmission of Power, and Friction and Lubrication in Machines. Attendance on this class should be preceded by attendance on Class I. in the case of students entering with no knowledge of Mechanics.

Class IV.—Higher Applied Mechanics and Hydraulics. —Daily, except Saturday, at 9 A.M. The Lectures treat of the Strength and Elasticity of Materials, the Strength and Stiffness of Beams, Girders, Columns, Framed Structures, Shafts, etc.; Hydraulics and Hydraulic Appliances, including the Gauging of Water, the Flow of Water in Pipes, and the Principles of Water Wheels, Turbines, and Centrifugal Pumps.

Engineering Drawing and Calculations.—The drawing class-room is open daily, except Saturday, from 9 A.M. till 5 P.M. Each student will be required to attend six hours per week (at times to be arranged at the commencement of the session), and will be expected to devote extra time to the performance of work. The work of the classes will comprise Lectures and Practice in Civil and Mechanical Engineering Drawing, Descriptive Geometry, and Graphical Statics, and

the performance of graphical work and calculations in connection with the lecture courses.

Engineering Laboratory.—Pending the erection of the permanent Engineering Laboratory, accommodation is provided in the present buildings for Laboratory practice in Engineering. The equipment will include appliances for economy tests of boilers and of steam and gas engines; a 10-ton testing machine arranged for tests in tension, compression, and bending, and fitted with an autographic stress and strain recorder; apparatus for experiments in the flow of water through orifices and pipes, friction and lubrication in machines, electric lighting and transmission of power, etc.

The Laboratory will be open daily at hours to be subsequently arranged.

For the purposes of Ordinance No. 23, Section IX. (see page 174), each of the Classes I., II., and III., along with Laboratory practice, counts as a half course; Class IV., together with Laboratory practice, counts as a whole course. Candidates taking the second option under Section IX., *i.e.* candidates for the Degree of B.Sc. on the side of Naval Architecture, are required to take Class IV. together with Laboratory practice.

Recommendation.—It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendance in the University, in engineering or architectural service, in offices, or in workshops, or on works such as railways, water works, or harbour works in progress.

As to the Degrees of B.Sc. and D.Sc. in Engineering Science, see Index.

As to the Certificate of Proficiency in Engineering Science, see Index.

As to the Muir Bursaries, the Metcalfe Bursaries, the Dr. Strang Bursaries, the Walker Prizes and the George Harvey Prize, in the Department of Civil Engineering and Mechanics, see Index.

X. NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

The John Elder Chair of Naval Architecture was founded by the University in 1883. An endowment of £12,500 was provided by Mrs. Elder, widow of Mr. John Elder, engineer

and shipbuilder, Glasgow. The Professor is appointed by the University Court.

Professors.

1883. Francis Elgar, LL.D. | 1886. Philip Jenkins.
1891. John Harvard Biles.

The courses of the Professor comprise a Junior Course of Lectures and Examinations upon Naval Architecture and Marine Engine and Boiler Design, and a Senior Course of Lectures and Examinations upon Naval Architecture and Marine Engine Design; also a Junior and a Senior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design. The Junior Course of Lectures and Examinations may be taken in either the first or the second year of the regular curriculum, and the classes will meet on Mondays, Wednesdays, and Fridays at 12 noon. The classes of the Senior Course will be held on Mondays, Tuesdays, and Thursdays from 11 A.M. to 12 noon, or at any other hour that may be found convenient.

The Junior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design is expected to be taken by students in the first year of the regular curriculum; and the classes will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M. The classes of the Senior Course will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M., or at any other hour that may be found convenient.

As to the Degree of B.Sc. on the side of Naval Architecture and Marine Engineering, see Index.

As to the Lloyd's Register Scholarship, the Elder Bursaries, the Shipwrights' Company's Prize, and the Kirk Memorial Prize, see Index.

III.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the Classes of Botany, Natural History, Physics, Chemistry, Anatomy, Physiology, Materia Medica, Pathology, Forensic Medicine, Surgery, Clinical Surgery, Practice of Medicine, Clinical Medicine, Midwifery, Insanity, Diseases of the Eye, Diseases of the Ear, Diseases of the Throat and Nose, Diseases of the Skin, Diseases

of Children, Embryology, and the courses of instruction necessary for the Diploma in Public Health.

A. The subjects of the *First Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. BOTANY.

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 141, as to Botanic Garden.)

Professors.

1818. Robert Graham, M.D. | 1845. G. A. Walker-Arnott, LL.D.
1821. Sir W. J. Hooker, LL.D. | 1868. Alexander Dickson, M.D.
1841. John H. Balfour, M.D. | 1879. I. B. Balfour, M.D., D.Sc.
1885. Frederick O. Bower, Sc.D.

Lectures are given at the College every Tuesday, Wednesday, Thursday, Friday, and Saturday at 8 A.M., during the months of May, June, and July. On Saturdays, according as the season and the weather permit, either excursions are made for the study of plants in the field, or microscopic demonstrations are given in the Laboratory.

Demonstrations are given in the Botanic Garden or at the College during June and July.

The Botanical Laboratory at the College is open daily from 9 A.M. to 4 P.M. from the end of April to the middle of July. Classes for elementary practical work in the Botanical Laboratory are formed during these months at hours, so far as practicable, to suit the convenience of students.

A course of Advanced Lectures, as well as a more extended course of Practical Instruction, designed for candidates for the Science Degree, or other more advanced students, will be given in the Laboratory during the winter session. Notice of times of meeting of these classes will be given in due course.

The University Herbarium may be consulted by students on applying to the Professor.

Students in the Botanical Class may obtain, by applying to the Professor, specimens of plants from the Botanic Garden for private study.

For particulars as to the "Dobbie Smith" Gold Medal, see under "Prizes."

II. NATURAL HISTORY.

This Professorship was founded by George III. in 1807. The Professor is appointed by the Crown. In 1876 Mrs. Honyman Gillespie of Torbanehill endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

Professors.

1807. Lockhart Muirhead, LL.D.
1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.
1866. John Young, M.D.

Honyman Gillespie Lecturer—1876. John Young, M.D.

The arrangements for the ensuing year are as follows :—

1. A course of Lectures on Zoology daily at 9 A.M., beginning in October.

2. A course of Lectures on Geology will begin in January ; the detailed arrangements will be announced later on.

3. A course of Laboratory Demonstrations and Lectures for senior students will be given in summer. Laboratory hours 10 A.M. till 1 P.M. ; lectures twice weekly at 12 noon.

Practical Instruction in Zoology will be given in the Zoological Laboratory during the summer and early part of the winter sessions by the Professor, with the assistance of Mr. James Rankin, B.Sc.

N.B.—*These arrangements are subject to alteration as may be required under future ordinances of the Universities Commissioners.*

The Professional Examinations in October, 1896, will have special reference to the *Annelida*, *Insecta*, and *Reptilia ;* those in April, 1897, to the *Gasteropoda*, *Polyzoa*, and *Aves.*

III. PHYSICS.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. Magnus Maclean, M.A., D.Sc., F.R.S.E.

The Lectures of this course are delivered daily at 2 P.M. during the months of January, February, and March.[1] The Lectures embrace the fundamental principles of the Dynamics

[1] This class will be held in the summer session of 1897, and thereafter in summer only.

of Solids, Liquids, and Gases; and the Rudiments of the Experimental Sciences—Sound, Light, Heat, Magnetism and Electricity. A detailed programme of these subjects, and a note of the text-books used and recommended, will be given to each student at the beginning of the course.

Two written examinations are held during the session.

There is a tutorial hour weekly, in which additional instruction is given by oral examination and written exercises on the previous lectures.

For the Arnott Prize in General Physics, see Index.

IV. CHEMISTRY.

This Professorship was founded by George III. in 1817, previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University. The Professor is appointed by the Crown.

Lecturers.

1747. William Cullen, M.D.	1769. William Irvine, M.D.
1756. Joseph Black, M.D.	1787. Thomas C. Hope, M.D.
1766. John Robison, LL.D.	1791. Robert Cleghorn, M.D.

Professors.

1818. Thomas Thomson, M.D. | 1852. Thomas Anderson, M.D.
1874. John Ferguson, M.A., LL.D., F.S.A.

Assistants.

William R. Lang, B.Sc. | William C. Anderson, M.A., B.Sc.

Lectures on Systematic Chemistry.

The Lectures of this course are delivered daily at 10 A.M. during the winter session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and the latter part of the course is devoted to the subject of Organic Chemistry. Each year's course is complete in itself, but in alternate years different departments of the Science are treated *in extenso*, Inorganic Chemistry being discussed in full one year, and a shorter time given to Organic Chemistry, while next year the Inorganic department is curtailed, and the Organic more fully treated.

Tutorial Classes.—In addition to attendance at the Lectures, the students are required to attend the Tutorial Classes, each of which meets twice a week. In these classes additional instruction, by means of oral examination and written exercises, is given.

Written examinations of the whole class are held at intervals during the session.

Higher Course.

To meet the requirements of Ordinance No. 12, Section IX. (4) (see p. 171), a higher course will be delivered as required. It will deal with the Rare Elements, Organic Chemistry, Theories of Chemistry, and the History of Chemistry.

Analytical Chemistry.

The Laboratory is open daily during the winter and summer session from 10 A.M. to 4 P.M., for instruction in Chemical Analysis and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently, and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students engage in original investigation.

Practical Chemistry.

This course, which is intended for Medical Students, is given during the summer session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds.

Attendance on the course of Chemistry being required for the Certificate in Engineering Science, and for the Degree of B.Sc., the attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination.

The Senate have resolved that "Hereafter no candidate for a Certificate in Engineering Science shall be admitted to examination in the Department of Chemistry who has not attained to the value of 50 per cent. for his written exercises in the class."

For the "Malcolm Kerr," the "Metcalfe," the "George A. Clark" Bursaries, the "Breadalbane" Scholarships, the "Don-

aldson" Scholarships, the "Mackay Smith" Scholarship, and the "George Roger Muirhead" Prize, in connection with Chemistry, see under "Bursaries," "Scholarships," and "Prizes" in Index.

B. The subjects of the *Second Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :—

I. ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and College jointly. A separate Professorship of Botany was established in 1818, a distinct Lectureship on that branch having existed for a considerable time previously.

Professors.

1720. Thomas Brisbane, M.D.
1742. Robert Hamilton, M.D.
1756. Joseph Black, M.D.
1757. Thos. Hamilton, M.D
1781. William Hamilton, M.D.
1790. James Jeffray, M.D.
1848. Allen Thomson, M.D., LL.D., F.R.S.
1877. John Cleland, M.D., LL.D., D.Sc., F.R.S.

Demonstrators:

Alex. Macphail, M.B., C.M. | John Morton, M.B., C.M.
Hugh Calderwood, B.Sc.

In the Winter Session Anatomical Instruction is conducted in the following courses, viz.:—

1. Elementary Descriptive Lectures.—This class meets on five days weekly from 1 to 2 o'clock. The Lectures comprehend a full systematic description of the Bones, Joints, Muscles, and Muscular Organs, and a general view of the Nervous System, and Viscera.

2. Advanced Descriptive Lectures and Demonstrations. —This class meets on six days weekly from 11 to 12 o'clock, viz., on five days for Lecture, and on Saturday for Microscopical Demonstrations. The course comprehends: 1st, Demonstrations of Regional or Topographical Anatomy, including the Distribution and Relations of the Blood-Vessels and Nerves; 2nd, Histology and a Detailed Description of the Viscera, Brain, and Organs of Sense.

3. Practical Anatomy, or Dissections made by the students, under the superintendence of the Professor and Demonstrators. The rooms are open from 9 A.M. to 4.45 P.M. daily, except on Saturdays, when they close at mid-day.

Text-books.—Cleland and Mackay, or 10th edition of Quain's *Anatomy;* Cleland's *Directory for Dissection.*

In the Summer Session the rooms for Practical Anatomy are open from 8 A.M. to 3 P.M. daily.

EMBRYOLOGY.

A Lectureship on Embryology was instituted by the University Court in 1894, but the first Lecturer, Dr. John Yule Mackay, having resigned before the beginning of the second course of Lectures and Demonstrations, temporary arrangements were made for carrying on the work of the class. The class meets in the Anatomy Class-room at 11 A.M. on Mondays, Tuesdays, Thursdays, and Fridays of the summer session.

II. PHYSIOLOGY.

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839, under the name of Theory of Physic. It was subsequently known as Institutes of Medicine, and is now, in accordance with Ordinance No. 31 of date 5th June, 1893, designated Physiology.

Professors.

1839. Andrew Buchanan, M.D.
1876. John Gray M'Kendrick, M.D., LL.D., F.R.S., F.R.S.E., F.R.C.P.E.

Muirhead Demonstrator and Senior Assistant.

William Snodgrass, M.A., M.B., C.M.

Second Assistant.

David Fraser Harris, B.Sc. (Lond.), M.B., C.M.

SYSTEMATIC LECTURES.

The Lectures of this course are delivered daily at 12 noon during the winter session. They are devoted to an exposition of the main principles and facts of the Physiology of Man.

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

Examinations are held during the session.

PRACTICAL PHYSIOLOGY.

During the *summer session* Practical Instruction is given in the Laboratory by the Professor, the Muirhead Demonstrator, and Assistants, to classes of not more than thirty-five students in each class, at such hour or hours as may be found convenient. The hours usually selected are 8 to 9 A.M. and 12 noon to 1 P.M. daily, except Saturday. This course includes :—(1) Instruction in the use of the microscope, and in the microscopical examination of the various tissues with the aid of modern methods of hardening, staining, cutting, and mounting preparations. (2) The analysis of the principal fluids of the body, with special reference to the physiological processes by which they are produced. (3) The modes of observing and recording physiological phenomena. Students will be instructed in the use of physiological apparatus, and will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures.

ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

A Practical Class has been instituted to meet the requirements of candidates for the Degree of B.Sc. It will meet during the winter session at a suitable hour, on two or three days weekly, and the course will comprise fifty meetings. Students will be taught (*a*) the more advanced methods of Physiological Chemistry, (*b*) special methods in advanced Histology, and (*c*) the use of physiological apparatus, the experimental investigation of the properties of muscle and nerve, the physics of the circulation, and the physiology of the senses. This course is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, and to lead the student into the higher departments of physiological science.

The Laboratory.

The Laboratory is open daily from 10 A.M. to 4 P.M., under the superintendence of the Professor, to whom application should be

made by those who may wish to pursue original investigation. It is furnished with the most modern appliances both for research and for the illustration of Lectures on Physiology.

Text-books.

For the Systematic and Practical Classes—*Text-book of Physiology*, 2 vols., by Dr. M'Kendrick.

As to the Muirhead Demonstratorship of Physiology, see p. 114.

III. MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

Lecturers.

1766. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1788. Richard Cleghorn, M.D.
1791. Richard Millar, M.D.

Professors.

1831. Richard Millar, M.D.
1834. John Couper, M.D.
1855. John A. Easton, M.D.
1865. John B. Cowan, M.D.
1880. Matthew Charteris, M.D.

In the courses of instruction and in the scheme of professional examinations prescribed by Ordinance No. 14, the subjects included in the province of this chair are divided into the two branches of Materia Medica and Therapeutics. In the summer course of Practical Materia Medica, including Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required, and this is supplemented by demonstrations (twice weekly) of the most important substances in the British Pharmacopœia. Instruction is given in making up various official preparations, and in testing the purity of drugs. The earlier part of the winter course is devoted to Pharmacology or the physiological action of groups of healing agents, a syllabus of which is given to each member of the class. During the later part of the session the Professor, as far as possible, discusses their practical application in Therapeutics—the science and art of healing. Present circumstances prevent him from giving instruction in Practical Therapeutics, and consequently the attention of the student will be directed mainly to the treat-

ment of those ailments in which bed-side instruction is not essential.

Text-books.—For the Summer Class, Mitchell Bruce's or Whitla's *Materia Medica*; for the Winter Course, Charteris's *Practice of Medicine* (7th edition); Phillips's *Materia Medica, Pharmacology, and Therapeutics*; Burney Yeo's *Manual of Medical Treatment* or *Clinical Therapeutics*; Whitla's *Dictionary of Treatment.*

C. The subjects of the *Third Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :—

I. PATHOLOGY.

This Chair was founded by Ordinance No. 29 of the Universities Commission (1889) of date 5th June, 1893. The patronage is vested in seven Curators, of whom four are nominated by the University Court and three by the Directors of the Western Infirmary. Before the Curators proceed to appoint a Professor, they must receive intimation from the University Court that an arrangement has been made with the Directors of the Infirmary to the satisfaction of the Court for affording due facilities in the Infirmary for the accommodation and teaching of the class of Pathology. By mutual arrangement the Professor is the Pathologist to the Infirmary, and the whole material of that institution is available for teaching purposes.

Professor.

1894. Joseph Coats, M.D.

Before the founding of the Chair, Pathology had been taught by Dr. Joseph Coats, who was appointed Lecturer in 1890, and who also held and still holds the office of Pathologist to the Western Infirmary. The Infirmary provides class-rooms and other facilities for teaching.

Two courses are held, one of Pathology in winter, and one of Practical Pathology in summer.

The course of Pathology consists of Systematic Lectures and Demonstrations. The Lectures are devoted to an exposition of the fundamental facts and principles of Pathology. In the Demonstrations the fresh material from the Infirmary and preparations from the Museum are used as the basis for an ex-

position of the subjects illustrated. Microscopic demonstrations are held on Saturdays in connection with both the lectures and demonstrations.

The class of Practical Pathology meets during the summer session. The students are taken through a course of Pathological Histology and Bacteriology.

In the work of the classes two assistants take part. The Museum of the Western Infirmary is open to the students, and a printed catalogue is provided. The post-mortem examinations, which are conducted from 10 A.M. onwards, are also open to the students, and each student during his curriculum must attend at least twenty.

Text-books.—A Manual of Pathology by Dr. Joseph Coats, and *Practical Pathology* by Dr. J. Lindsay Steven.

II. FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

This class will meet daily from 11 to 12 during the summer session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the law.

In the department of Public Health special attention will be given to the subjects of Air, Ventilation and Heating, Water, Food, Meteorology, Injurious Trades, Vital Statistics, Sanitary Law, Disinfection, Disposal of Sewage and Refuse, and Sanitation in general.

During the session students will have an opportunity of visiting, along with the Professor or his assistant, the most important public institutions and works in the district dealing with Disposal of Sewage and Refuse, Disinfection, Ventilation, etc.

Demonstrations, macroscopic and microscopic, will be given frequently during the session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

Written and oral examinations (attendance on which is compulsory) will be held at intervals.

In addition, facilities will be given for studying Practical Toxicology in the Medico-Legal Laboratory at the University.

Text-book. — Guy and Ferrier's *Principles of Forensic Medicine.*

N.B.—(*See under Faculty of Law, p.* 103.)

D. The subjects of the *Final Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :—

I. SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

Professors.

1815. John Burns, M.D.
1850. James A. Lawrie, M.D.
1860. Joseph Lister, M.B., F.R.S.
1869. Sir George H. B. Macleod, M.D., LL.D., F.R.S.E.
1892. William Macewen, M.D., LL.D., F.R.S.

The Professor delivers during winter a course extending to 100 meetings of the class, and consisting of systematic lectures, illustrated by diagrams, casts, and pathological preparations, and of frequent demonstrations, in many of which the electric projection microscope is used for demonstrating surgical pathological histology. There are three written examinations, with oral examinations at intervals. The following is a general outline of the course :—Anaesthesia ; wounds and their varieties ; haemorrhage and its arrest ; the phenomena of destruction and repair of tissues ; inflammation ; bacteriology ; infective processes and diseases dependent upon bacteria and their products ; neoplasms ; injuries, including fractures and dislocations ; Regional Surgery.

During summer Operative Surgery is conducted daily, and consists of descriptive instruction by the Professor in the principal operations, and the performance of recognized operations by the students under supervision.

In the course of Clinical Surgery which the Professor conducts both winter and summer at the Western Infirmary, as part of the regular Clinical Instruction given to University students, practical instruction is given in the methods of clinical observation, surgical diagnosis and treatment. The Professor also takes occasion, as far as the material is available, to draw the

attention of the students to the points illustrative of the principles taught in the systematic course.

II. CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. George Buchanan, M.A., M.D., LL.D.

The Professor teaches Clinical Surgery by "Lectures and other instruction" on the cases of patients affected with injuries, diseases, etc., requiring Surgical treatment. There is a summer as well as a winter course.

The class meets daily at 9 A.M. in the Western Infirmary—wards III. and VIII. The work of the week is distributed as follows:—*Monday*—Complete ward visit and clinical remarks at the bed-side. *Tuesday*—Clinical lecture and operations in operating theatre, and ward visit to the most important cases. *Wednesday*—Tutorial class for bandaging, etc., and ward visit. *Thursday*—Clinique—short remarks on new cases, which are examined by the students, with the assistance of the Professor, in the class-room, west operating room, and ward visit. *Friday*—Clinical lecture and operations in the operating theatre, and ward visit. *Saturday*—Ward visit.

III. PRACTICE OF MEDICINE.

This Professorship, created in 1637, but long suppressed for want of revenue, was revived by the College in 1712, and endowed by Queen Anne in the following year. It is in the gift of the Crown.

Professors.

1714. John Johnstoun, M.D.
1751. William Cullen, M.D.
1756. Robert Hamilton, M.D.
1757. Joseph Black, M.D.
1766. Alex. Stevenson, M.D.
1789. Thomas C. Hope, M.D.
1796. Robert Freer, M.D.
1827. Charles Badham, M.D.
1841. William Thomson, M.D.
1852. John M'Farlane, M.D.
1862. William Tennant Gairdner, M.D., LL.D., F.R.S.

The course is directed to the exposition of the Healing Art

in its more practical aspects, having regard to the immensely wide range of diseases usually assigned to the physician and the general practitioner, as opposed to the surgeon and the specialist. The general principles and doctrines which are available at the bedside of the sick are each year carefully and thoroughly considered in connection with such a number and variety of illustrative instances as may be expected to leave a lasting and vivid impression of the essentials of Diagnosis, Prognosis, and Treatment, in so far as these can be advantageously delivered in the form of lectures guided by a systematic plan, conveying not only the opinions of the professor, but also references to the general history of opinion, and the steps by which the existing knowledge of disease has been built up. Thus, a broad and sufficient basis is obtained for conveying an insight into what may now be regarded as settled medical doctrine, and also, as regards points which cannot be so considered, suggestions as to the direction in which we may reasonably look for guidance in the future. But no attempt is made to give a complete synopsis annually of the details of practice in all departments; for this, the student is of necessity referred to one or other of the current text-books. In 1896-97, the first part of the course will be occupied with the leading, and mostly the chronic Constitutional Diseases, *e.g.* Atrophy, Anaemia, Scurvy, Gout, Rheumatism, etc.; Tubercle and Syphilis will also be discussed, and, in connection with the latter, certain Diseases of the Skin. In the early part of the course, up to Christmas, instruction will be given, partly in lectures and partly in the tutorial classes, on the elements of Physical Diagnosis, *i.e.* Auscultation and Percussion, etc., with reference chiefly to Chest Diseases, so as to constitute a preparation for hospital and dispensary work. Diseases of the Respiratory Organs, Lungs, Air-passages, etc., including Laryngitis, Croup, and Diphtheria, will next come under consideration, and after these, certain Diseases of the Nervous System, as far as time will allow. Professor Gairdner has been in the habit of giving two lectures a week in summer in order to overtake subjects left out of the winter course, attendance on these lectures being voluntary, and without additional fee. In the summer of 1896 this course will be upon Diseases of the Abdomen. The subjects treated of in summer will form part of the tutorial work of next winter. The course

will be illustrated by diagrams and tables, hand-coloured drawings and photographs, etc., wax casts, models, and preparations of morbid Anatomy; and, while Clinical Instruction, as given in the Western Infirmary, will necessarily and properly be kept entirely distinct from systematic, incidental reference will sometimes be made to cases under treatment as illustrating details or principles which it is desirable so to bring home to the student. Professor Gairdner conducts at the Western Infirmary, both in winter and in summer, part of the regular Clinical Instruction given to the Medical Students of the University; and he holds that such instruction (whether given by him or by others) is the only form of "laboratory" or "practical" instruction which has any relation to a course of Practice of Medicine. Tutorial Instruction, however, on the basis of the lectures, and by examination *vivâ voce*, will be given to the class in sections, at separate hours adjusted to the convenience of students, one hour a week being assigned to each section. Three written examinations are held in the course of the winter session, in December, February, and March respectively; and the medals and certificates of distinction are determined upon the basis of these Examinations, for which the tutorial classes are considered as a preparation. The meetings of the whole class (including the written examinations) will amount to about 100 during the winter session.

A portrait-medal of Professor Gairdner is awarded to the most distinguished student in the class of Practice of Medicine. The dies for this medal were presented to the University along with a Portrait of Dr. Gairdner by his former students, on 28th January, 1893.

Text-books.—Those most generally used in the class are:—Bristowe's *Theory and Practice of Medicine*, last edition; Finlayson's *Clinical Manual for diagnosis and hospital work* (third edition, 1891); Frederick Taylor's *Manual of the Practice of Medicine* (1893); Yeo's *Manual of Medical Treatment or Clinical Therapeutics*; Whitla's *Dictionary of Treatment.* The following well-known systematic treatises, however, are also recommended, and may be used by those who prefer them, viz.:—The recently published *Principles and Practice of Medicine*, by the late Dr. Fagge (London, third edition, 1891); Frederick Roberts, Osler, Strümpell (also translated in America, but published in London,

1893); Pepper's American *Text-book of the Theory and Practice of Medicine*, 1893. Graham Brown's, also Fenwick's *Treatises on Medical Diagnosis*, and Gee on *Auscultation and Percussion*, are smaller and more special works, which will be found very serviceable. Another excellent text-book on Physical Diagnosis is that of Drs. Gibson and Russell of Edinburgh. The well-known dictionaries of Quain and Fowler, with the older one of Reynolds, and the immense Cyclopædia in sixteen volumes (together with Index Vol. and Supplement), edited by Ziemssen (translation 1875 81), though not at all suitable as text-books, may be referred to on particular topics, and are accessible in the Library. The Professor's *Clinical Medicine* (1862) is out of print, but will be found in the Reading-Room, and may be used for occasional reference.

IV. CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. Thomas M'Call Anderson, M.D.

The class meets five days a week during the winter and summer sessions, and three or four written examinations are held. On Mondays and Fridays the Professor meets the whole class in the lecture-room. On the Monday three or four cases (such as may be studied beyond the immediate vicinity of the patient) are demonstrated; on the Friday a clinical lecture is given on cases in the wards, or upon some subject bearing upon the course. On Tuesdays the Professor meets the junior and on Thursdays the senior division of the class, when there is a demonstration of several cases in the wards. On Wednesdays he makes a ward visit with the clinical clerks. The two medical tutors meet the senior division of the class (in two sub-sections) on Tuesdays, and the junior on Wednesdays and Thursdays, when the students are brought individually into contact with the patients, are taught how to investigate their cases, and are instructed in the use of instruments, apparatus, etc. On Saturdays one of the tutors revises with the clinical clerks the cases which they have reported during the week.

V. MIDWIFERY.

This Professorship was founded by George III. in 1815. The Professor is appointed by the Crown.

Professors.

1815. James Towers, M.D.	1834. William Cummin, M.D.
1820. John Towers, C.M.	1840. John M. Pagan, M.D.
1833. Robert Lee, M.D.	1868. William Leishman, M.D.

1894. Murdoch Cameron, M.D.

The Lectures embrace the Theory and Practice of Midwifery and the Diseases of Children. The Professor was Physician to the University Lying-in Hospital and Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered circumstances of the school having, however, rendered this situation unavailable for Clinical instruction, other arrangements have now been made by which the Managers of the Western Infirmary have placed a ward for the Diseases of Women under the charge of the Professor. Ample opportunity is afforded for Clinical instruction in Midwifery at the Glasgow Maternity Hospital, to which the Professor holds the appointment of Consulting Physician.

A course of lectures on the Diseases of Women is delivered in summer.

E. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are required also to attend the following courses :—

I. INSANITY.

This Lectureship was instituted by the University in 1880. Great advantages are offered to students for the study of this subject, the Lecturer being Physician-Superintendent of the Royal Lunatic Asylum, Gartnavel.

Lecturer.

1880. David Yellowlees, M.D., LL.D.

A course of Lectures is given in the University at 12 noon on Wednesdays during the summer session, and Clinical In-

struction at the Asylum, Gartnavel, at 3 P.M. on Wednesdays and 10 A.M. on Saturdays.

For the Mackintosh Mental Science Bursary in connection with this class see "Bursaries."

II. DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are offered to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

Lecturers.

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.
1869. Thomas Reid, M.D., LL.D.

Waltonian Medical Lectureship.

Founded in 1788 by Rev. Dr. William Walton of Upton, in the County of Huntington, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,650. It is at present held by Dr. Thomas Reid, who is also Lecturer on Diseases of the Eye.

III. FEVERS.

The course of Clinical Instruction in Fevers must consist of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds. Such instruction is given in the Belvidere Hospital.

F. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are also recommended to attend the following courses :—

I. DISEASES OF THE EAR.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. Thomas Barr, M.D.

The course of instruction on Diseases of the Ear consists of (1) Twelve Lectures delivered in the University once a week during the session, to be illustrated by the exhibition of instru-

ments, by methods of examination and treatment, diagrams and lantern views; (2) Twenty meetings for practical instruction held in the Western Infirmary or Glasgow Ear Hospital on days and at hours found to be most suitable. The affections of the ear will be then demonstrated and described in the presence of illustrative cases arranged for the purpose, while the students will have the opportunity of practising methods of examination and treatment under the supervision of the Lecturer. A printed synopsis of the course is given to each member of the class.

A written and a practical examination will be held during the session, and prizes will be awarded to the best students, as tested by these examinations.

II. DISEASES OF THE THROAT AND NOSE.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. James Walker Downie, M.B., F.F.P. and S.G.

The course of instruction on Diseases of the Throat and Nose is, as far as is possible, clinical in character.

The class meets at the Department for Diseases of the Throat and Nose at the Western Infirmary on Thursdays at 4 P.M., and at the University on Fridays at the same hour. At the former each student is afforded ample opportunity of examining the various patients for himself under the supervision of the Lecturer. At the University the methods of examining the throat and nose, and the apparatus necessary for this purpose, are described and explained in detail: the appearance of the parts in health and as altered by disease are described, as are also the means of treatment, etc.

In the Lectures at the University fuller instruction than can be given in the presence of the patient regarding pathological conditions seen at the Infirmary is given, and they are illustrated by casts, coloured and photographic diagrams, instruments, anatomical and pathological specimens.

Text-book.—Clinical Manual of Diseases of the Throat, by J. Walker Downie, M.B.

III. DISEASES OF THE SKIN.

The course of instruction on Diseases of the Skin at the Hospital for Skin Diseases is of a thoroughly practical character, and is conducted by Professor M'Call Anderson during both winter and summer sessions. Arrangements are being made to supply short practical courses in accordance with the recommendation of the Senate under Ordinance No. 14, Section VII., Sub-section 10.

IV. DISEASES OF CHILDREN.

Arrangements will be made for enabling students to carry out the recommendation of the Senate, that each candidate for Degrees in Medicine should attend a short practical course on this subject.

IV.—FACULTY OF LAW.

The Faculty of Law embraces the Chairs of Law and Conveyancing, and also the Chairs of Forensic Medicine and Political Economy. In this Faculty there are also Lectureships on Civil or Roman Law, Constitutional Law and History, Jurisprudence, Public International Law, International Private Law, and Mercantile Law.

For the information of students proposing to enter the legal profession, whether as Advocates or as Law Agents, it may be stated that by the regulations of the Faculty of Advocates, every intrant to the Faculty is required to produce evidence of being duly qualified (1) in General Scholarship, and (2) in Law. In General Scholarship the possession of any one of certain University degrees, including the degree of M.A. from a Scottish University, is deemed a sufficient qualification. If the intrant does not hold a qualifying degree he is required to undergo an examination in certain specified branches of General Scholarship, as to which information may be obtained on application to the Clerk of Intrants to the Faculty. On the expiration of a year after the intrant has been found qualified in

General Scholarship, his examination in Law may be proceeded with, subject to these conditions: (1) That he shall not during the year before such examination have engaged in any trade, business, or profession, either on his own account, or as assistant to or in the employment of another; and (2) that he shall produce evidence of attendance, such as is required for admission to examination for a Law degree, in a class of Scots Law and a class of Conveyancing, in a Scottish University, and evidence of the like attendance in a class of (*a*) Civil Law, (*b*) Philosophy of Law and International Law, Public or Private, (*c*) Constitutional Law and History in a Scottish University, or such attendance in another University or School of Law as may seem to the Dean and his Council to be equivalent thereto, and (*d*) Medical Jurisprudence, in a University, or in a School recognized as qualifying for University Degrees. On the production by the intrant of evidence of his having attended the necessary classes (which he may attend in any order he thinks fit), he is examined on (1) Civil Law, (2) Philosophy of Law and International Law, Public or Private, (3) Constitutional Law and History, (4) Medical Jurisprudence, (5) Scots Law, Civil and Criminal, including Procedure, (6) Conveyancing. Information as to the books prescribed may be obtained from the Clerk of Intrants. If, however, the intrant has obtained the degree of LL.B. from a Scottish University after examination in all the subjects above prescribed for examination in Law, he is held qualified in General Scholarship and Law without examination or other evidence of qualification, subject to the conditions that during the year immediately before presenting his diploma to the Examiners, he shall not have been engaged in any trade, business, or profession, as above set forth, and that he shall have duly presented his petition for admission and appeared before the Examiners prior to the commencement of such year. If the intrant has obtained said degree of LL.B. after passing examinations in one or more of the said subjects he is exempt from examination in these subjects. He must pass in at least two of the subjects at one time. The regulations regarding the "Public Examination," which all intrants, whether graduates or not, must undergo, require that the intrant shall write a Thesis on a Title of the Pandects assigned to him by the Dean, and shall defend it on its being impugned. The question as to

the intrant's admission is then decided by the Faculty voting by ballot.

Admission to the profession of a Law Agent is regulated by the Law Agents Act, 1873, and by the Law Agents and Notaries Public Act, 1891, and relative Acts of Sederunt of the Court of Session, prescribing rules as to subjects of examination and certain conditions of admission. The former Act requires in general that every applicant for admission must have served an apprenticeship of five years with a practising law-agent or with a sheriff-clerk in office at the passing of the Act, which apprenticeship, if entered upon after the passing of the Act, must be served under indenture, recorded and intimated as the Act requires. In certain cases, however, an apprenticeship for three years is allowed as sufficient, the excepted cases including that of a person holding a degree in Law or in Arts of a University in Great Britain or Ireland granted after examination.

By an Act of Sederunt, dated 18th March, 1893, which comes into operation in terms of an Act of Sederunt of 19th December, 1893, on 1st January, 1895 (but by a subsequent Act of Sederunt of 29th January, 1895, is not to take effect in case of candidates whose indenture is dated on or before 18th March, 1893, until 1st March, 1896), an Act of Sederunt of 20th December, 1873, and all amending provisions in subsequent Acts of Sederunt are repealed except as to anything that has been done in pursuance thereof.[1] The Act of Sederunt of 18th March, 1893, institutes two examinations in General Knowledge, instead of the Entrance Examination and General Knowledge Examination required by the Act of Sederunt of 20th December, 1873, the first of which is to be taken before or within one year after the commencement of apprenticeship, and the second either immediately after the first examination or at any time within three years thereafter. The Act of Sederunt prescribes the subjects of these examinations and of the examination in Law. Lower or Higher Grade Leaving Certificates exempt from the first examination in General Knowledge, and Higher Grade Leaving Certificates from the second examination, Higher or Lower Certificates of the Oxford and Cambridge Schools Examination Board affording similar

[1] The provisions of these earlier Acts of Sederunt may be found in previous *Calendars*.

exemptions. Higher Standard Certificates in the Preliminary Examination for M.A. under Ordinance No. 11 exempt from both of these examinations. A candidate for admission as Law Agent is exempted from any examination in General Knowledge, if (*inter alia*) he hold a Degree of any University in the United Kingdom granted after examination. By Act of Sederunt of 12th July, 1893, a candidate does not require to undergo examination in General Knowledge if he has been admitted as apprentice under indenture, and passed the entrance examination prescribed under the Act of 20th December, 1873, prior to 18th March, 1893, and has attended classes in Arts in terms of the Act of 20th December, 1873, and has completed attendance in such classes prior to 1st November, 1895. Further, by the Act of Sederunt of 18th March, 1893, a candidate who holds the degree of LL.B. or B.L. of any Scottish University is exempted from any examination in Law, excepting only on Forms of Process, Civil and Criminal. Candidates who have passed the Entrance Examination under the previous existing rules are exempt from the first examination under this Act of Sederunt, and candidates who have passed the General Knowledge Examination, prescribed by the Act of Sederunt of 20th December, 1873, before 1st January, 1894, are exempted from further examination in General Knowledge, and candidates who have passed the examination in Law under the said Act of Sederunt are exempt from further examination in Law.

For Regulations as to Graduation in Law, see Index.

LAW.

This Professorship is in the gift of the Crown. After being long in abeyance for want of revenue, it was revived by the College in 1712, and endowed by Queen Anne in the following year.

Professors.

1714. Wm. Forbes, Advocate.
1746. Wm. Cross, Advocate.
1750. Hercules Lindsay, LL.D.
1761. John Millar, Advocate.
1801. R. Davidson, Advocate.
1842. Allan A. Maconochie, Advocate.
1855. Geo. Skene, Advocate.
1867. Robert Berry, M.A., LL.D., Advocate.
1887. Alexander Moody Stuart, LL.D., Advocate.

Scots Law.—The course extends to about 100 Lectures, embracing as full a course of Scots Law in each session as the time will permit, and including, so far as practicable, Lectures on the following subjects:—Sources and Development of the Law of Scotland; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality; the Law of Sale; Stoppage *in transitu*; Retention and Lien; Loan; Deposit; Pledge; Hiring, and the Law of Master and Servant; Law of Carriers and Affreightment; Mandate; Partnership; Bills of Exchange; Cautionary Obligations; Marine, Fire, and Life Insurance; Law of Heritage; Servitudes; Prescription as applicable to Heritage; Law of Landlord and Tenant; Succession in Heritage and Moveables, Testate and Intestate; Marriage and Divorce, and the Rights of Husband and Wife; Law of Parent and Child; Guardian and Ward; Actions and Evidence; Diligence and Bankruptcy; Criminal Law, etc.

The text-books recommended to Students are Bell's *Principles of the Law of Scotland* and Erskine's *Principles of the Law of Scotland* (late editions).

The class meets five days a week—viz., every day except Monday, from 8 to 9 A.M. At intervals throughout the session the hour is devoted to the ordinary class examinations, which are conducted in writing.

Three Prizes are given by the University for proficiency in the class examinations; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Conveyancing. Prizes are also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commission (1858) of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

Professors.

1862. Anderson Kirkwood, LL.D.
1867. Sir James Roberton, LL.D.
1889. James Moir, Member of the Faculty of Procurators, Glasgow.

The course extends to about 100 Lectures, and during the session there are both oral and written examinations. As full a course of Conveyancing is given each session as the time permits. The subjects treated will be selected from the following list, viz.: (1) Introductory and Preliminary Lectures. (2) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (3) Heritable Securities. (4) Leases. (5) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (6) The completion of Titles, in case of death, to Heritable and Moveable Estate.

The class meets every day, except Monday, from 8 to 9 A.M.

The text-books recommended are Duff's *Feudal Rights*, with Supplement; *Lectures on Conveyancing*, by Menzies; *Lectures on Conveyancing*, by A. M. Bell; and Craigie's *Statutes*.

Prizes are given for eminence in the class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination held towards the end of the session on some of the subjects of the course; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Scots Law.

FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

This course, qualifying for graduation in Law (B.L. and LL.B.), is delivered during the summer session.

(*Text-book.—Principles of Forensic Medicine*, by Guy and Ferrier.)

(See under Faculty of Medicine, p. 89.)

CIVIL LAW.

The study of Civil Law in Glasgow is coeval with the establishment of the University. In the University Annals it is recorded that, in 1460, lectures on the Civil Law were delivered in the Chapter-House of the Friars Predicators by Master William of Levenax (Lennox). After being for a considerable period in abeyance, the study of the subject was revived in 1712. In the middle of last century the lectures were for the first time delivered in English; up to that time the prelections were in Latin. For some years during this century the lectures were once more in abeyance, but in session 1873-74 a class was again formed, and was taught in alternate sessions by the Professor of Law. In 1894 the University Court, carrying out a recommendation of the Universities Commission (1876), instituted a separate Lectureship in the subject.

Lecturer.

1895. J. M. IRVINE, LL.B.

The course extends to eighty lectures. The first part of the course will deal with the Constitutional History of Rome and the history of the development of the law. This part is intended to serve as an introduction to the study of the special departments of the law. The latter part of the course will be devoted to a systematic exposition, in detail, of the various departments of the law, according to the order in which they are treated in Justinian's *Institutes*. The class meets four days a week during the winter session, from 5.30 to 6.30 P.M. Attendance at the class is required of all candidates for Degrees in Law (LL.B. and B.L.); it also qualifies for the Degree of M.A.

Text-book.—Institutes of Justinian; Eds., Moyle or Sandars. Reference is also frequently made to *Institutes of Gaius*; Eds., Poste or Muirhead.

CONSTITUTIONAL LAW AND HISTORY.

This Lectureship was instituted by the University in 1878, and the class was taught in alternate years during the summer session, the course extending to forty lectures. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, placed the Lectureship upon a new

footing. The course was extended to eighty lectures, and the class was made a Winter Class, meeting every year. Attendance upon the whole course is required of all candidates for the Degree of Bachelor of Laws (LL.B.). Attendance upon the first fifty lectures of the course qualifies for the Degree of M.A.,[1] subject to the conditions laid down in Ordinance No. 11, and for the Degree of B.L., subject to the conditions laid down in Ordinance No. 40.

Lecturer.

1894. William S. M'Kechnie, M.A., LL.B.

Ordinary Class.—The course will be partly historical and partly analytical. The historical lectures will trace in outline the development of the Constitution from the Anglo-Saxon migrations to the present reign. The analytical lectures will treat (1) of the safeguards of the rights of individuals, and (2) of the separate parts of the Constitution and the distribution of power in the State.

The text-books recommended are those prescribed for the M.A., B.L., and LL.B. Degrees.

The hour for the meeting of the class is 4.30 p.m.

Honours Class.—(See under Faculty of Arts, p. 73).

GENERAL OR COMPARATIVE JURISPRUDENCE.

This Lectureship was instituted by the University in 1893, under the title Philosophy of Law. The subject was at an early date treated as an integral part of the course of Moral Philosophy, under the name of Natural Jurisprudence. From 1878 it was treated by the Lecturer on Public Law as introductory to that subject.

Lecturer.

1893. William Galbraith Miller, M.A., LL.B., Advocate.

The course extends to fifty meetings of the class, and is given on Tuesdays and Fridays during the winter session. Alternate Wednesdays are devoted to examinations. The lectures discuss the relation of Law to other social phenomena, and of Jurisprudence to other branches of Philosophy. The various legal categories will be examined in detail. The same course under

[1] See note on p. 153.

the name of Philosopy of Law may be reckoned as a half course for the Degree of M.A.

The class meets at 5.30 P.M.

Text-books.—(See subjects for Degrees in Law and in Arts.)

THE LAW OF NATIONS, OR PUBLIC INTERNATIONAL LAW.

In 1878 the University instituted a Lectureship on Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, created separate courses for Private International Law and for General or Comparative Jurisprudence.

Lecturer.

1878. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

The course extends to fifty meetings of the class, and is given on Mondays and Thursdays during the winter session. Alternate Wednesdays are devoted to examinations. The Lectures give a sketch of the history of International Law, and discuss the principal doctrines as well as the philosophical principles underlying them. The same course, under the name of Public Law, may be reckoned as a half course for the Degree of M.A.

Students are expected to be acquainted with the elements of the Civil Law, and to have a general acquaintance with Modern European History. *Text-book.*—Hall's *International Law.*

The class meets at 5.30 P.M.

INTERNATIONAL PRIVATE LAW.

From 1878 this subject was treated as part of the course of Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, instituted a Lectureship on International Private Law.

Lecturer.

1894. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

This course extends to not less than forty lectures, and is given in the summer session. The lectures discuss the principal doctrines as developed in the decisions of the British Courts contrasted with the results of Continental Jurisprudence. Students are expected to be familiar with the leading doctrines of the Civil Law and of Scots Law. The class meets at 5.30 P.M.

Text-book.—Rattigan, *Private International Law.*

MERCANTILE LAW.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. James Mackenzie, Member of the Faculty of Procurators, Glasgow.

This course will extend to eighty lectures, discussing as time will permit the following subjects:—Maritime Law, including Ownership, Sale and Mortgage of Vessels, Carriage by Sea, Bottomry, Salvage, and General Average; Carriage by Land; Banking; Bills of Exchange; Joint Stock Companies; Marine, Fire, and Life Insurance; Bankruptcy; Patents; and Copyright. Attendance on the whole course may, subject to the conditions laid down in Ordinance No. 39, be reckoned as qualifying for the Degree of LL.B.; and attendance on forty lectures, constituting a half course, may, subject to the conditions laid down in Ordinance No. 40, be reckoned as qualifying for the Degree of B.L. The class meets at 9 A.M.

POLITICAL ECONOMY.

(See under Faculty of Arts, p. 67.)

V.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four classes of Divinity, Hebrew and Semitic Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the ministry of the Church of Scotland. Under the Act of General Assembly, 1883, consolidating the Acts presently in force in regard to the study of Divinity, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions; and to give at least two full sessions of regular attendance on the classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, *first*, a certificate from the Presbytery within the bounds of which he usually resides, and by which he has been examined on his knowledge of the Holy Scriptures according to the authorized

version, and of the Catechetical Standards of the Church; and, *secondly*, a certificate signed by the Convener or Vice-Convener of one of the four Examining Committees appointed, under the Act of Assembly, 1872, to conduct the examination of students previous to their entering the Divinity Hall.[1] In order to be admitted to this examination he must, in accordance with the Interim Act[2] of 1895, produce, in addition to the certificate from the Presbytery recommending him, either (*a*) the diploma of a Master of Arts of a Scottish University, or the diploma of a Bachelor of Arts after an undergraduate course at any British or Irish University, or evidence that he has passed the examinations for, and is entitled to receive, such diploma of Master or Bachelor of Arts; or (*b*) evidence that he has passed the Preliminary Examination required of those proceeding to the Degree of Master of Arts in a Scottish University, or such examination as the University authorities recognize as equivalent thereto, and that he has attended some one of the courses required for that degree, and has not only attended the classes of the course, but has duly performed the work of each of them. The subjects of examination are Greek (including the New Testament in Greek), Latin, Moral Philosophy, and Hebrew; provided always that a student who produces evidence that he has passed the examination for the Degree of Master or Bachelor of Arts in any of these subjects shall be exempted from examination in that subject.

The student, in order to his enrolment *for each subsequent session* of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction

[1] The following are the subjects of examination for October, 1896:—LATIN—Cicero, *De Officiis*; Virgil, *Aeneid*, Book IV. GREEK—Plato, *Apologia*. *The Epistle to the Ephesians*, with Introduction: any text-book. HEBREW—The Grammar—to the Regular Verb; also the Pronouns, including the Pronominal Suffixes. Genesis, Chapter I. MATHEMATICS—Euclid, Books I., II., and III. Algebra to Quadratic Equations, inclusive. NATURAL PHILOSOPHY—Deschanel, *Physics*, Part I. LOGIC—Jevons, *Elementary Lessons in Logic*. MORAL PHILOSOPHY—Muirhead, *Elements of Ethics* (University Extension Manual). ENGLISH LITERATURE—Morley's *First Sketch*, "The Commonwealth," and "From the Commonwealth to the Revolution"; Milton, *Samson Agonistes*; Jeremy Taylor, *Holy Living and Holy Dying*. The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the *Missionary Record* of the Church of Scotland for July annually, along with the names of the Conveners and Vice-Conveners of the respective Committees.

[2] The provisions of this Act are applicable to all students beginning their course in Arts with a view to the ministry after May, 1895, and also to such students as have already begun their course and may desire to take advantage of its provisions.

with the same, as well as a certificate of his good moral character from the minister of his parish, or, during a vacancy in the parish, from the moderator of the kirk-session.

At the close of each session every student is required to take with him to the Presbytery certificates from the several Professors, under whom he has studied, of his good conduct and proficiency.

By Act VII. of the General Assembly, 1894, it is enacted—that "Candidates for licence who have finished a regular course of study in Theology shall be examined as soon as it can conveniently be done after the close of the Divinity session by one or other of the Examining Committees constituted by Act IX., Assembly 1872. . . . The time and place of examination, with any other necessary information, shall be published in the October number of the *Missionary Record.* The following shall be the heads of subjects of examination:—(i.) Apologetics, including Natural Theology; (ii.) Church History; (iii.) Old Testament Introduction and Exegesis; (iv.) New Testament Introduction and Exegesis; (v.) Christian Doctrine. . . . The special subjects of examination from year to year . . . as agreed upon by the several Committees, shall be intimated in the July number of the *Missionary Record.* Students who have passed for the Degree of B.D., and who satisfy the Committee that they have done so, shall be exempted from examination in the subjects covered by the Degree of B.D."

Students are required to study the art of public reading and speaking under some competent teacher approved by the Faculty of Theology,[1] during at least one hour a week in each of two sessions, the attendance extending in every case over at least sixteen weeks of the session, and to produce, before being taken on trials, due evidence of such attendance.

By Act IX. of the General Assembly, 1895, it is enacted—"that every student before being taken on trial for licence shall produce evidence of having regularly attended two courses of the Pastoral Lectures provided by the Home Mission Committee."

[1] For the purposes of the Act of Assembly, and to qualify for the competition for the Dowanhill Prizes, the following teachers are recognized:—Mr. Thomas Harrower, 282 Bath Crescent; Mr. William S. Vallance, 291 Sauchiehall Street; Mr. John Forsyth, 20 Rupert Street; Mr. W. Ramsay Crawford, 5 University Avenue; Mr. R. M. Hardie, M.A., 244 Great Western Road; Mr. David B. Johnstone, A.Mus., 16 Burnbank Terrace; and Mr. James C. Newlands, 397 Great Western Road.

Each student is required during his curriculum to deliver *six* discourses—viz., an EXEGESIS in Latin on some controverted head in Divinity, a HOMILY in English, a CRITICAL EXERCISE on some portion of the original text of the Old Testament, an EXERCISE and ADDITION on some portion of the original text of the New Testament, a LECTURE on some portion of Scripture, and a POPULAR SERMON, with such other exercises as the Professors may think fit to prescribe. No student can be taken on trials for licence by any Presbytery until he has produced, along with class certificates from the Professors of Church History, Hebrew, and Biblical Criticism, a certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses:—(1) That the Homily shall be given in to the Professor of Church History at such time as he shall appoint in the *first* session of the student's course; (2) that the Latin Exegesis shall be given in to the Professor of Divinity, and the Lecture to the Professor of Biblical Criticism, in the *second* year of the student's course, at such times as shall be appointed by these Professors respectively; and (3) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental Languages, and the Exercise and Addition to the Professor of Biblical Criticism, in the *third* session of the course, at such times as shall be appointed by the several Professors. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

Professors.

1640-50. David Dickson.
1642-61. Robert Baillie.
1653. John Young.
1669. Gilbert Burnet, D.D.
1674. David Liddell.
1682. Alexander Ross, D.D.
1688. James Wemyss, D.D.
1692. James Wodrow.
1708. John Simson.
1740. Michael Potter.
1744. William Leechman, D.D.
1761. Robert Trail, D.D.

1775. James Baillie, D.D.
1778. William Wight, D.D.
1782. Robert Findlay, D.D.
1814. Stevenson Macgill, D.D.
1840. Alexander Hill, D.D.
1862. John Caird, D.D.
1873. William Purdie Dickson, D.D., LL.D.
1895. William Hastie, D.D.

The course of Theology extends over three sessions.

The class meets on five days of the week, in two divisions, the Senior at 11 A.M. and the Junior at 12 o'clock.

The subjects treated in the Lectures during the three sessions will be: in the Junior Division—(1) Theology as a Science (Theological Introduction and Encyclopaedia); (2) Apologetics; (3) Philosophy of Religion; and in the Senior Division—(1) The Comparative History of Religions; (2) Biblical Theology; (3) Critical History of Christian Doctrine; (4) Systematic Theology (Dogmatics and Ethics). Essays and Discourses are prescribed to the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the class will be held at intervals during the session.

Pastoral Training.—By a recent arrangement six Lectures on this subject will be given by a Lecturer appointed by the General Assembly.

HEBREW AND SEMITIC LANGUAGES.

This Professorship was founded by Queen Anne, 1709, under the title Oriental Languages. It is now designated Hebrew and Semitic Languages, in accordance with Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893. The Professor is appointed by the University Court, and is a member not only of the Faculty of Divinity, but also, since 1893, of the Faculty of Arts.

Professors.

1709. Charles Morthland.
1745. Alexander Dunlop, M.A.
1751. William Rouet.
1753. George Muirhead.
1755. John Anderson, M.A.
1757. James Buchanan, M.A.
1761. Robert Trail, D.D.
1761. Patrick Cumin, LL.D.
1814. Gavin Gibb, D.D.
1831. William Fleming, D.D.
1839. George Grey, D.D.
1850. Duncan H. Weir, D.D.
1877. James Robertson, D.D.

By Ordinance No. 11 of the Universities Commission (1889) "Hebrew" and "Arabic or Syriac" are now included among the departments of study for graduation in Arts, and "Semitic Languages" among those for graduation with Honours.

The existing regulations of the Church of Scotland require all students of Divinity to give attendance on Hebrew for two sessions. The following are the arrangements for session 1896-97 :—

I.—*Junior Class* (*Hebrew*), five days in the week at 10 A.M. (1) Davidson's *Introductory Hebrew Grammar*, with the Exercises ; (2) Readings from the easier books of Scripture; (3) Lectures on Hebrew Archaeology.

II.—*Senior Class* (*Hebrew*), five days in the week at 9 A.M., and Tuesdays and Thursdays at 12 noon. (1) Readings in the Hebrew Scriptures; (2) Exercises in Unpointed Text and Translations from English ; (3) Study of the Syntax and the Accents ; (4) History of the Massoretic Text.

In each of these classes there will be daily oral examinations, weekly written exercises, and four written examinations during the session. In the Senior Class, at the 9 o'clock hour, the readings will be from the book of Deuteronomy, and Psalms XLII.–LXXII. At 12 o'clock on Tuesdays there will be prelections on selected books (Nahum, Habakkuk, Zephaniah), and on Thursdays lectures on Introduction, particularly on Pentateuch Introduction. All students of Divinity enrolled in the class are required to attend at both hours.

The Senior Hebrew is appointed as the qualifying class for graduation in Arts. Before attending the class for this purpose, students are required by the Ordinance No. 11, § IV., 3, to pass a preliminary examination in Hebrew "on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination." Students presenting themselves for this examination will be expected to know as much as is implied in the work of the Junior Hebrew Class, and will be examined in grammar, and in translation both from Hebrew into English and from English into Hebrew.

III.—An elementary *Arabic*, or *Syriac Class*, to meet on Mondays, Wednesdays, and Fridays at 12 or 1 o'clock (as may be found more suitable) will also be formed, if students offer.

ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I., in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

Professors.

1721. William Anderson.
1752. William Rouet.
1762. William Wight, D.D.
1778. Hugh M'Leod, D.D.
1807[1]. William M'Turk, D.D.
1841. Jas. Seaton Reid, D.D.
1851. Thos. T. Jackson, D.D.
1874. William Lee, D.D.
1886. Robert Herbert Story, D.D.

The course extends over two sessions, and embraces a series of lectures as well as oral and written examinations. The Junior and Senior Classes meet at separate hours, the Junior from 11 to 12 o'clock, the Senior from 12 to 1 o'clock.

Both classes are open to non-professional students.

DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861. The Professor is appointed by the Crown.

Professors.

1863. William P. Dickson, D.D.
1873. William Stewart, D.D.

This class will meet on five days of the week at 10 A.M.

The course of lectures is arranged to extend over two sessions ; and the class should accordingly be attended in two *consecutive* years.

The lectures for 1896-97 will treat of the principles of Interpretation, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on subjects suggested by the work of the class are prescribed at intervals during the session, and the progress of

[1] Dr. M'Turk was assistant and successor to Dr. M'Leod from 6th March, 1797.

the students is further tested by examinations, partly oral and partly written.

Class of New Testament Greek.—This tutorial class is intended for those who are preparing to pass the examination on the *New Testament in Greek* previous to entering the Divinity Hall, and for those who, with a view to the Exit Examination at the close of the Divinity course, desire to extend their knowledge of New Testament Greek. It will be formed only if a sufficient number of students present themselves, and will meet on three days of the week, viz., Tuesday, Wednesday, and Thursday at 9 A.M.

IV.—DEMONSTRATORSHIPS, ETC.

THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively £2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

Demonstrator.

1875. James Thomson Bottomley, M.A., D.Sc., F.R.S.

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In January, 1877, the late Dr. Henry Muirhead of Longdales, Bothwell Parish, and afterwards of Cambuslang, presented to the University the sum of £2,100, and in November,

1879, a further sum of £400, to endow a Demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of Physiology. The regulations with reference to the appointment are as follows :—

1. That the title of the appointment be "The Muirhead Demonstrator of Physiology."

2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes of Systematic and Practical Physiology and in original investigation.

3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.

4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.

5. That the incumbent will be expected to devote his entire time to the duties of the appointment.

6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

Present Demonstrator.
WILLIAM SNODGRASS, M.A., M.B., C.M.

THE WILLIAM BAXTER DEMONSTRATORSHIP IN GEOLOGY.

This Demonstratorship was founded by the Trust Disposition and Settlement of Mr. William Baxter, Hillhead, Glasgow, who died on 20th November, 1888, and bequeathed to the Senate the sum of £2,500, free of legacy duty, the annual income of which, less the cost of management, he directed should be paid half-yearly to the Demonstrator on the joint certificate of the Clerk of Senate and the teacher of Geology for the time being. The Senate are the patrons of the Demonstratorship.

The following Regulations, drawn in terms of the Founder's will, were adopted by the Senate on 28th February, 1889 :—

1. The Demonstratorship shall be held for three years, and shall be open to the candidate who in the three years interven-

ing between each appointment shall have passed the Degree of B.Sc. with Honours, or, in the event of several candidates obtaining Honours, to the candidate whose aggregate marks for the whole subjects of the said degree are the highest; but in the event of no candidate attaining to Honours, the Senate may, if they see fit, award the Demonstratorship to the candidate who shall stand highest in the list, provided his average of marks over all the said subjects is not less than 70 per cent., but any candidate who fails to obtain at least 70 per cent. of marks in the Department of Geology shall *eo ipso* be disqualified to hold the Demonstratorship.

2. The three years' tenure of office shall be subject to the condition that the incumbent discharges the duties of the office to the satisfaction of the Senate, who have power "to deprive any Demonstrator of his stipend, or a part thereof, should they at any time become dissatisfied with his conduct or his ability to carry out the duties of his office, or with the character of his lectures, or for any other reason they may consider sufficient," the Demonstrator having the right of appeal to the University Court in the event of such deprivation.

3. The duties of the Demonstrator shall be :—

(1) To deliver two courses of lectures—twenty in the winter, twenty in the summer session—(*a*) on Mineralogy and Petralogy, or (*b*) on Palæontology, or (*c*) on Physical Geography. These lectures to be accompanied by Demonstrations on specimens selected from the Hunterian collections with the consent of the Keeper.

(2) To give Field Demonstrations of Geology and Petralogy, under the direction of the Professor of Natural History (or of Geology when that Chair shall be founded).

(3) To carry on original work in any department of Geological Science which he may select, obtaining therein such assistance by specimens as the Keeper of the Museum shall find it in his power to give.

4. These courses of lectures may be attended (*a*) by matriculated students of Geology, free; (*b*) by any matriculated student not a member of the class of Geology, on payment to the Demonstrator of a fee of £1 1s. for each course, or such higher fee as the University Court may fix; (*c*) by any member of the Geological Society of Glasgow on payment of five shillings

in lieu of matriculation fee for the winter or summer session, in addition to the authorized class fee.

5. In the event of no appointment being made, or of the Demonstrator resigning, retiring, or being deprived, the revenue accruing during the period of vacancy shall be added to the capital, and the annual income thereof to the stipend payable to the Demonstrators.

The first appointment was made in April, 1889; in the ordinary course an appointment should have been made in April, 1895, on the results of the examinations for B.Sc., held between May, 1892, and April, 1895, but there was no one eligible in terms of the regulations. An appointment would have been made in April, 1896, had an eligible candidate appeared.

GIFFORD LECTURESHIP ON NATURAL THEOLOGY.

This Lectureship, as well as similar Lectureships in the other Scottish Universities, was founded in 1887 in accordance with the Trust Disposition and Settlement of the late Adam Gifford, sometime one of the Senators of the College of Justice, Scotland. Lord Gifford directed his Trustees to pay over to the Senatus Academicus of the University of Glasgow the sum of Twenty Thousand Pounds for the purpose of establishing a Lectureship or Popular Chair for promoting, advancing, and diffusing the study of Natural Theology, in the widest sense of that term—in other words, "the Knowledge of God, the Infinite, the All, the First and Only Cause, the One and the Sole Substance, the Sole Being, the Sole Reality, and the Sole Existence, the Knowledge of his Nature and Attributes, the Knowledge of the Relations which men and the whole universe bear to Him, the Knowledge of the Nature and Foundation of Ethics or Morals, and of all Obligations and Duties thence arising." The Senate are the Patrons. The Lecturer is appointed for a period of two years and no longer, but the same Lecturer may be reappointed for other two periods of two years each, provided that no one person shall hold the office of Lecturer in this University for more than six years in all. The Lecturer is subjected to no test of any kind, and he is not required to take any oath, or to emit or subscribe any declaration of belief, or to make any promise of any kind. The

Founder expressed a wish that the subject should be treated as a strictly natural science, like astronomy or chemistry. Matriculated students and others may attend the Lectures.

1888. Professor Max Müller.
1892. Principal Caird, D.D., LL.D.
1893. Professor William Wallace, M.A.
1895. Principal Caird, D.D., LL.D.
1896. Professor Alexander B. Bruce, D.D.

M'CALLUM CELTIC LECTURESHIP.

The late Rev. Archibald Keily M'Callum, LL.D., by his holograph will, dated 8th March, 1881, to which were attached three codicils (the last dated 27th January, 1892), directed his Trustees, among other purposes, to devote an annual sum to a Lectureship, or a course of not fewer than fifteen Lectures, on Celtic Literature. He left detailed directions as to certain subjects which were to be among those discussed. The Lecturer will be appointed by the Senate for a period of three years, and will be eligible for re-election after a subsequent appointment for three years has been made. Matriculated students and others may attend the Lectures. Dr. M'Callum also directed that his library should be handed over to the University as a nucleus for a Celtic Library for the use of the Lecturers and such students as may attend the Lectures, and any others interested in Celtic Literature. The Library is to be kept separate and designated "The Celtic Lectureship Library," the sum of £10 to be annually paid by the Trustees towards making additions thereto.

V.—WOMEN'S DEPARTMENT.

QUEEN MARGARET COLLEGE.

In February, 1892, the Universities Commission issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. The Council of Queen Margaret College having considered the provisions of this ordinance, came to the conclusion that the

purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a Committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and the students in session 1892-93 were admitted matriculated students of the University. In 1893 the College was dissolved, and the funds were handed over to the University Court, but the name "Queen Margaret College" survives as designating the part of the University buildings and grounds which is devoted to the education of women.

QUEEN MARGARET COLLEGE.

The classes in Queen Margaret College will meet as follows daily, unless otherwise specified :—

WINTER SESSION 1896-97.

I.—ARTS.

THURSDAY, 15TH OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Latin, Class I.	9.45 a.m.,	£3 3	PROF. RAMSAY,
—— *Class II.*	3 p.m.,	3 3	Mr. John Brown, and Mr. D. Rankin.
Greek, Class I.	8.45 a.m.,	3 3	PROF. MURRAY and
—— *Class II.*	2 p.m.,	3 3	Mr. G. Macdonald.
English Language and Literature,	2 p.m.,	3 3	Mr. A. A. Jack.
French Language and Literature,	10 a.m.,	3 3	Mr. Alfred Mercier.

Classes.	*Hours.*	*Class Fees.*	
German Language and Literature,	11 a.m.,	£3 3	Dr. A. Tille.
Logic,		3 3	Prof. Adamson.
Moral Philosophy		3 3	Prof. Jones.
Political Economy (at Gilmorehill),	5.30 p.m., Mon., Tues., Wed., and Thurs.,	2 2	Dr. Smart.
Education (Do.),	3.15 p.m.,	3 3	Dr. Ross.
History (Do.),	10 a.m.,	3 3	Prof. Lodge.
—— *Honours* (Do.),	11 a.m., Mon., Wed., and Fri.,	3 3	
Mathematics, Class I.,	8.45 a.m.,	3 3	Prof. Jack and Mr. Carslaw.
—————— *Class II.,*	2 p.m.,	3 3	Prof. Jack and Mr. Lamont.
Natural Philosophy,	3 p.m.,	4 4	Prof. Blyth.
Physical Laboratory,	Sat., 10 a.m. to 12 noon,		
Chemistry,	12 noon,	3 3	Mr. T. Gray, B.Sc.
Chemical Laboratory,	10 a.m. to 1 p.m.,	3 3	
Zoology (in Summer),			Prof. Young and Mr. J. Rankin.
Botany (in Summer),			Mr. W. H. Lang.

II.—MEDICINE.

Thursday, 15th October.

Classes.	*Hours.*	*Class Fees.*	
Zoology (in Summer),			Prof. Young and Mr. J. Rankin.
Botany (in Summer),			Mr. W. H. Lang.
Chemistry,	12 noon,	£3 3[1]	
Chemical Laboratory,	10 a.m. to 1 p.m.,	3 3	Mr. T. Gray, B.Sc.
Practical Chemistry,	9–11 a.m., Tues. and Thurs.,	3 3[1]	
Physics,	3 p.m., Mon., Wed., and Fri.,	3 3[1]	Prof. Blyth.
Physical Laboratory,	10–12, Saturdays,		
Anatomy, Junior,	11 a.m.,	3 3[1]	
——— *Senior,*	3 p.m.,	3 3[1]	Dr. T. H. Bryce.
Practical Anatomy,	9 a.m. to 5 p.m.,	3 3	
Physiology,	2 p.m.,	3 3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Materia Medica and Therapeutics,	12 noon,	3 3[1]	Dr. C. O. Hawthorne.
Pathology, Systematic,	8 a.m.,	3 3[2]	Dr. Workman.
Surgery,	4 p.m.,	3 3[2]	Dr. Pringle.
Clinical Surgery,	9 a.m. (see p. 121),		
Practice of Medicine,	11 a.m.,	3 3[2]	Dr. J. W. Anderson.
Clinical Medicine,	9 a.m., (see p. 121).		
Midwifery,	12 noon,	3 3[2]	Prof. Cameron and Assistant.

[1] Fee for a second or subsequent session, £2 2s.
[2] Fee for a third or subsequent session, £2 2s.

SUMMER SESSION, 1897.

MEDICINE.

Tuesday, 20th April.

Classes.	*Hours.*	*Class Fees.*		
Botany,	11 a.m.,	£3	3[1]	Mr. W. H. Lang.
Practical Botany,	3.30 p.m.,	3	3	
Zoology,	9 a.m.,	3	3[1]	Prof. Young and Mr.
Practical Zoology,	2 p.m.,	3	3	J. Rankin.
Practical Anatomy,	9 a.m. to 4 p.m.,	2	2	Dr. T. H. Bryce.
Practical Pharmacy,	12 noon,	3	3[1]	Dr. C. O. Hawthorne.
Practical Physiology,	2 p.m.,	3	3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Forensic Medicine (Gilmorehill),	12.15 p.m.,	3	3[1]	Prof. Simpson and Dr. Galt.
Practical Pathology,	10.30 a.m.,	3	3	Dr. Workman.
Insanity,	12 noon, University, and at Gartnavel 2 days weekly	2	2	Dr. Yellowlees.
Diseases of the Eye,	4 p.m., Tues. and Thurs., and Clinique, 1–4 p.m. on Mon. and Wed., and 2 p.m. on Th.	2	2	Dr. A. M. Ramsay.

Hospitals.—Royal Infirmary—First year, £10 10s.; Second year, £10 10s.; six months, £6 6s.; three months, £4 4s. Royal Hospital for Sick Children—twelve months, £1 1s. Glasgow Maternity Hospital—£2 2s.

CLASS ARRANGEMENTS.

The courses and arrangements for the classes in Arts and Medicine are similar to those of the classes for men, with the exception of English, French, German, and Natural Philosophy, the arrangements for which are as follows:—

ENGLISH LANGUAGE AND LITERATURE.

The work of the class will comprise the following subjects:—1. Imaginative Literature from the death of Burns to the death of Byron, with special reference to the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, and to the novels of Jane Austen and Scott. 2. English Composition. 3. The Outlines of English Philology. 4. (*a*) *Macbeth*; (*b*) Selections from the *Spectator*.

Subject 1 will be taken on Mondays, Fridays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Literature Class. Subjects 2, 3, and 4 will be taken on Tuesdays, Thursdays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Language Class. Students who take English for purposes of graduation must attend both classes,

[1] Fee for a second or subsequent session, £2 2s.

but students who do not intend to graduate may take the Language Class alone, or (if they have attained the age of 18 years) the Literature Class alone. The age limit may be dispensed with on certain conditions. The fee for the Language Class or the Literature Class alone is £2 2s.

For further details as to the work of these classes, and as to the Honours Class, see p. 63.

For the Nichol Memorial Prize, see page 312.

FRENCH LANGUAGE AND LITERATURE.

The work of the classes will comprise the following subjects :—

A. *Literature.*—Mondays and Fridays, and alternate Wednesdays, at 10 A.M. History of the French Literature in the 19th century. Special study will be devoted to the following works; Chateaubriand, *René;* Victor Hugo, *Hernani, Ruy Blas;* Musset, *On ne badine pas avec l'amour* (Comédie); G. Sand, *Indiana;* Ponsard, *Le lion amoureux;* Balzac, *Eugénie Grandet;* Augier, *Le gendre de Monsieur Poirier.*

B. *Language.*—Tuesdays and Thursdays, and alternate Wednesdays, at 10 A.M. I. Outlines of French Philology; History of the French Language; Historical Grammar. II. Exercises in French Composition. Original Essays. III. Translation from and into French.

Students who take French for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class alone or the Literature Class alone is £2 2s.

GERMAN LANGUAGE AND LITERATURE.

Lecturer.

ALEXANDER TILLE, Ph.D.

The work of the class will comprise the following subjects :—

A. *Language.*—Fifty Lectures. Syntax of the Modern German Language, with special reference to the difference between the usage of the classics and the written language of to-day. (20 lectures in English.) *Text-book.*—Brandt, *A*

Grammar of the German Language (Boston, 1893). Translation into German of Mrs. Humphrey Ward's *Robert Elsmere*, Vol. I. (10 lectures.) Reading of Lenau's *Savonarola*; Freytag's *Journalisten*; Scheffel's *Trompeter*; Jordan's *Durchs Ohr*; Keller's *Der grüne Heinrich*; Spielhagen's *Die Sturmflut*. (10 lectures.) Ten Lectures in German on German Life and Institutions. Essays will be written every fortnight.

B. *Literature.*—Fifty Lectures in German. An historical and critical study of the German literature from its beginning till 1492. (40 lectures.) *Text-book.*—W. Wackernagel, *Geschichte der deutschen Literatur* (Basel, 1879), Vol. I. Reading of selected passages of the *Nibelungenlied*. (10 lectures.) *Text-book.* — *Das Nibelungenlied*, small edition by Friedrich Zarncke (Leipzig, Wigand).

The Lectures under A will be given on Mondays, Thursdays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Language Class. The Lectures under B will be given on Tuesdays, Fridays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Literature Class. Students who take German for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class or the Literature Class alone is £2 2s.

NATURAL PHILOSOPHY (PHYSICS).

This class will meet daily at 3 p.m., except Saturdays; also, for practical work, on Saturdays, 10 to 12. The course will include—

(1) Experimental Physics (Properties of Matter, Sound, Heat, Light, Magnetism, Static Electricity, Voltaic Electricity, Electro Magnetism), Mondays, Wednesdays, and Fridays. The Lectures will be fully illustrated by experiment.

(2) Theoretical Mechanics (Elementary Kinematics, Elementary Dynamics), Tuesdays and Thursdays.

(3) Practical Physics, Saturdays, 10 to 12. The students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments, so as to verify natural laws and obtain numerical results.

Students intending to take a Degree in Arts must take the whole course. The requirements of students preparing for Degrees in Medicine will be met by the first division of the course, and by attending three days weekly, viz., Mondays, Wednesdays, and Fridays.

VI.—SPECIAL STUDY AND RESEARCH.

In Ordinance No. 61, the Universities Commission made the following regulations for the encouragement of special study and research, and for the appointment of Research Fellows :—

I. It shall be in the power of the Senatus Academicus in each University, with the approval of the University Court, to make regulations under which graduates of Scottish Universities or of other Universities recognized by the University Court for the purposes of this ordinance, or other persons who have given satisfactory proof of general education and of fitness to engage in some special study or research, may be admitted to prosecute such study or research in the University.

II. It shall be the duty of the Senatus Academicus in each University—(1) To receive and decide upon all applications for admission to prosecute special study or research ; (2) To prepare a list of all persons so admitted (hereinafter referred to as Research Students) ; (3) To make regulations for the supervision of their work ; (4) To satisfy themselves from time to time that the Research Students are carrying on their work in the University in a satisfactory manner ; (5) To suspend or exclude from any course any student whose conduct or progress is unsatisfactory.

III. Every applicant for admission must send in to the Senatus Academicus a written application stating any degree or other distinction which he has already obtained, the line of study or research which he wishes to prosecute and the probable period of its duration, together with evidence as to his character, capacity, and general qualifications.

IV. Any application for admission shall be in the first instance referred by the Senatus Academicus to the appropriate Faculty, or to a Committee appointed by the Senatus ; one member of the Committee shall always be a Professor or Lecturer within whose department the proposed line of study

or research falls. No applicant shall be recommended by the Faculty or the Committee who has not satisfied them by examination or otherwise that he is qualified to prosecute the proposed line of study or research, and further—(*a*) That his proposed line of study or research is a fit and proper one; (*b*) That he possesses a good general education; (*c*) That he is of good character; (*d*) That he proposes to prosecute his studies or research during a period to be approved by the Senatus Academicus. The Faculty or the Committee shall make a report to the Senatus Academicus upon each application. It shall also be their duty, subject to the regulations of the Senatus Academicus, to provide for the supervision of the Research Student's work, and to report at least once a year to the Senatus as to his progress and conduct. The Senatus shall then determine whether he shall remain a Research Student.

V. Every Research Student shall be required to matriculate each year, paying the ordinary fee.

VI. Research Students shall have access to and the use of the University Laboratories and Museums, under such conditions as to payment and otherwise as the University Court, after consultation with the Senatus Academicus, may determine.

VII. The title of Research Fellow may be conferred by the Senatus Academicus, with the approval of the University Court, on Research Students who have shown special distinction. Such title shall not of itself confer any right to stipend, but it shall be in the power of the University Court to provide a stipend of such amount and for such period as it may think fit to any Research Fellow under the powers of Ordinance 25, Section XI., Sub-section 8.

VIII. (1) The Research Fellows shall be appointed as aforesaid after consideration of the report or reports submitted in terms of Section IV. hereof.

(2) The title of Research Fellow may be conferred either at the commencement of the Research Student's course of study or research, or at any time during its progress, as the Senatus Academicus may determine.

(3) Research Fellows shall retain their title and stipend, if any, for the period during which they are engaged in

special study or research in the University, and no longer.

(4) Research Students who have been appointed Research Fellows shall continue to be subject to the conditions above prescribed as to the supervision of their work and the reports to be made thereon.

IX. Nothing herein contained shall prejudice the right of Research Students to such Fellowships, Scholarships, or Prizes as may be open to them by Ordinance or Deed of Foundation.

X. The University Court may, subject to the provisions of Ordinance No. 25, Section XI., Sub-section 8, provide such sums as it may think fit in aid of the expenses of special study or research.

VII.—LIBRARIES, MUSEUM, BOTANIC GARDEN.

UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Library is under the immediate superintendence of a Committee consisting of three members of the University or others, not being members of Senate, appointed by the University Court, and of six members of Senate appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Librarian is appointed by the University Court.

The Library is always increasing by donations and by a grant of £707 per annum, formerly paid by the Treasury, as compensation for the loss of the Stationers' Hall privilege, and now received from the University Court.

During recent years the Library has acquired several valuable collections. Amongst these the most important are the following:—

The Collection bequeathed to the University by the late W. Euing, Esq., amounting to about 15,000 volumes. It contains

many books printed in the fifteenth and sixteenth centuries, illustrated books, English literature, Classics, above 2,000 Bibles, and a very large number of Psalm and Hymn books.

The Library of the late Sir William Hamilton, Professor of Logic in the University of Edinburgh, amounting to about 8,000 volumes. This collection, which consists principally of Classics, editions of Aristotle, and treatises on Logic and Metaphysics, was purchased by private subscription and presented to the University. A list of the subscribers was inserted in the *Calendar* for 1879-80.

The Walker-Arnott Botanical Library of 970 volumes.

The Musical Library of the late Thomas L. Stillie, Esq., numbering 760 volumes. It contains the works of the chief composers, many of them in score, and an extensive series of modern operatic compositions, continental and English.

The collection of books on Palestine, which belonged to the late Dr. A. B. M'Grigor, consisting of 655 volumes of works, illustrating the natural and civil history, topography, and antiquities of Jerusalem and the Holy Land. This collection was presented along with 83 volumes, containing about 1,000 pamphlets, by Alexander M'Grigor, Esq.

The library of the Rev. A. K. MacCallum, LL.D., containing over 3,000 volumes, bequeathed to the University—along with an annual sum of £10 to be spent on its increase—as the nucleus of a Celtic library.

A collection of works, numbering over 500 volumes, relating to Mediaeval Philosophy, which formed part of the library of the late Professor Veitch—presented by Mrs. Veitch.

The works on Mining belonging to the late Alex. Macdonald, Esq., M.P.; works on Engineering from the libraries of the late Professors Lewis Gordon and Macquorn Rankine; works on Oriental literature from the library of the late Professor Weir; a large collection of medical works, theses, and pamphlets, from the late Professor Allen Thomson; 800 volumes of general literature from the library of the late F. A. Eck, Esq.; over 1,000 volumes—selected from the library of the late James Hotson, merchant—presented by Dr. Thomas Reid; and numerous works of reference for the Reading Room from the late Dr. A. B. M'Grigor.

Wall or table cases were given by William S. Dixon, Esq. (1); William Euing, Esq. (1); Professor Rainy, M.D. (1);

Professor Sir James Roberton, LL.D. (2); and Alex. Whitelaw, Esq., M.P. (2).

The custody and management of the Library are regulated by Ordinance No. 64, and by the rules framed and approved by the University Court under that Ordinance on 14th November, 1895. The following are the principal regulations relative to the use of the Library:—

Books shall not be given out except to the borrower in person, or to some one having written authority from him.

It shall be in the power of the Librarian at any time to withdraw any work from circulation, subject to appeal to the Library Committee; and to call in any book from any borrower after the lapse of the period for which such borrower is entitled to retain it, upon receiving a written request to do so from any person entitled to the use of the Library. In the notice of recall a period of not less than three clear days shall be allowed for making the return, and the penalties leviable for neglect shall be specified in the notice.

The following classes of work, viz.:—Manuscripts, rare books or books in any way difficult to be replaced, works of reference, separate maps or plates, unbound music or parts of works, pamphlets or books not sufficiently protected by the binding, shall not be given out except on an order of, and under conditions to be fixed by, either (*a*) the Senate, (*b*) the Library Committee, or (*c*) three Members of the Library Committee, according as, in the discretion of the Librarian, the special circumstances of each case may require.

Each member of the following classes of readers shall be allowed to borrow, and to have in his, or her, possession at one time the undermentioned number of volumes, but not more:—

Each Member of the Senatus Academicus, thirty volumes.

Each University Lecturer, twenty volumes.

Each Assistant and Examiner, and each holder of a Teaching Fellowship, fifteen volumes.

The Librarian, ten volumes; and each Assistant-Librarian, five volumes.

Each Extra-Academical Teacher, recognized by the University Court, in the town in which the University is situated, ten volumes.

Each retired Principal or Professor, ten volumes.

Each Member of the University Court, during his tenure of office, ten volumes.

Each Member of the General Council of any Scottish University (and each Graduate under the age of twenty-one years) in each year in which he, or she, shall have paid a subscription to the Library of ten shillings and sixpence, six volumes.

Provided that no Member of the University Court or of the General Council shall be entitled to obtain from the University Library books required by the teachers or students of the University in the prosecution

of academic work and research, and that it shall be in the discretion of the Librarian, subject to appeal to the Library Committee, to decide from time to time what books are so required.

Any Member of the General Council of any Scottish University shall be allowed to compound for the Library subscription by a single payment of Five Guineas, which shall secure to him, or her, for life the same privileges as would accrue from the annual payments.

It shall be in the power of the Library Committee from time to time to grant the use of the Library to persons who may not be Members of the University, for purposes of literary research, and the names of those privileged readers shall be reported annually to the University Court. All grants under this section shall terminate with the close of the reading year, but shall be renewable if again applied for. Each special reader shall pay an annual subscription of ten shillings and sixpence, and shall be entitled to borrow six volumes at one time, but not more.

Subject always to the provision as to the return of books for the annual inspection, all persons entitled to the use of the Library under the foregoing regulations shall have the right to retain each book borrowed during the winter session for one month, and each book borrowed during the summer session for two months, from the date of borrowing ; and may further retain each book until it shall have been recalled by the Librarian.

Every Matriculated student, or other Student admitted by ordinance to the use of the Library, shall be entitled to have in his, or her, possession at one time, during the winter session, four volumes but not more, and during the summer session and vacation, six volumes but not more. Every student shall have the right—subject to the return of books for the inspection—to retain any book during the winter session for two weeks, and during the summer session for four weeks, from the date of borrowing and may further retain each book until it shall have been recalled by the Librarian. But no student shall be permitted to borrow any book from the Library until he, or she, shall have lodged with the Librarian a deposit of £1 in security for the due return of the books and the payment of any fines which may be incurred.

During the winter session such students only as are attending the English Literature classes shall be allowed to borrow works of fiction in English, and then only to the extent of two volumes at one time. During the summer session and vacation students may borrow three volumes of fiction at one time, but not more.

The reading term for Students, Members of General Council, and Special Readers, shall begin with the commencement of the winter session in each year, and terminate with the close of the autumn vacation following.

Readers shall not be allowed to borrow books in more than one capacity.

A general inspection of the Library shall take place in April, beginning with the seventh, and continuing for eight lawful days thereafter.

All works whatever, and by whomsoever borrowed, shall be returned to the Library before the beginning of the period of the annual inspection

under the penalties hereinafter mentioned. The Library shall be wholly closed during the time of the inspection.

If any person shall retain any volume after the commencement of the period of the annual inspection, such person shall incur a fine of one shilling for each volume; and in the event of any volume not being returned before the close of one week after the last day of the inspection, the fine shall be repeated from week to week until the volume is returned, or until the total amount of the fine shall have reached the sum of ten shillings.

If any person, when required by the Librarian to return a book, shall fail to do so before the expiry of the time specified in the notice, such person shall incur a fine of one shilling for each volume, and thereafter a further penalty of sixpence per day so long as the volume is not returned, or until the total amount of the fine shall have reached the sum of ten shillings.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured, while in the possession of readers; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

So long as any Library subscription or any fine incurred remains unpaid, and so long as any person continues in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended and remain in abeyance.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of the Teaching Staff, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays, or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the winter session from 11 A.M. till 2.30 P.M., except the Christmas and other holidays specially appointed by the University, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the summer it is open on Mondays, Wednesdays, and Fridays from 11.30 A.M. till 2 P.M.

CATALOGUES.

An Author and Subject Index containing the chief books likely to be interesting or useful to Students, and forming a fairly complete guide to the accessions in English of the twenty years preceding 1887, may be purchased by readers in the Library at the price of One Shilling.

Students and Graduates who are engaged in special research will, on application to the Librarian, have access to the Classified Catalogues, which include also the older literature and works in foreign languages. These catalogues have been arranged by Professor Dickson, Curator of the Library, and the expenses incurred by him in connection with their preparation have been defrayed by the late Dr. A. B. M'Grigor.

READING-ROOM.

In connection with the Library, a Reading-Room, provided with a special collection of books of reference for the use of Matriculated Students, is open for readers, Saturdays and holidays excepted, during the winter session from 9 A.M. till 4.30 P.M., and during the summer session from 9 A.M. till 2 P.M.

The Room is primarily intended for readers consulting the books of the Special Collection ; but so far as the accommodation will allow, students may make use of it for individual private study. The following are the principal rules applicable to the Room :—

Every Matriculated Student who shall at the beginning of the session or thereafter record (in a book kept by the Librarian) his desire to use the Reading-Room in accordance with the rules for consulting of books or private study, will receive a voucher entitling him to admission. No student will be admitted to the use of the Room without producing his voucher.

Every such student shall on entering apply for a tally entitling him to a seat, shall use it only for the table indicated thereon, and shall personally return it to the Assistant in charge. All readers are required to take at once the seats assigned to them, to abstain from talking, whispering, or any other form of distracting or disturbing others, and to enter and leave the Room (and Vestibule) with as little noise as possible. Readers shall exhibit their tallies when asked; and shall at once give their names and matriculation numbers, if they shall be requested to do so.

Each student, desirous of borrowing books from the Special Collection in the Vestibule, is required to fill up one of the receipt papers with

his name, matriculation number, and the title of the book or books wanted, and to present it to the Assistant-Librarian in charge. Students are not permitted to have the use of more than two volumes at one time. The books received are to be used only in the Reading-Room, and are to be returned by the receiver himself into the hands of the Assistant-Librarian. The return of books by those who have to leave the room at the end of any hour is to be made not later than five minutes before that time, and during that interval no books will be given out.

Books of reference not included in the Special Collection, but contained in the General Library, may be obtained for consultation in the Reading-Room on presenting a paper with the name and matriculation number of the reader making the request, and the title of the book wanted, to the Assistant-Librarian in the Vestibule.

The Assistant-Librarian in charge is instructed to report at once to the Library Committee the name of any student transgressing the rules.

Donations to the University Library.

List of Donations from 1st March, 1895, to 29th February, 1896.

Académie de Neuchatel.—Dessoulavy, De la particule *an* dans Thucydide. 1895.
Académie des Sciences de Cracovie.—Atti. Scienze morali. 1893. Bulletin international. 1895.
Accademia dei Lincei, Roma.—Atti. Serie 5ª. Memorie. Classe di scienze morali. II. 2, III. 2. 1894-95. Rendiconti. Classe di scienze fisiche. IV. 1895. Classe di scienze morali. IV. 1895.
Accademia delle scienze fisiche e matematiche di Napoli.—Rendiconto. Serie 3ª. I. 1895. Atti. Serie 2ª. VII. 1895.
Accademia Pontaniana.—Atti. XXV. 1895.
The Admiralty.—Greenwich Observations. 1892.—Greenwich spectroscopic results. 1892.—Report of the health of the Navy for 1894.
Agent General for Victoria.—Statistical Register for Victoria. 1892.—Census of Victoria. 1891. Parts 1-9.
Mr. William H. Inslee, Newark, New Jersey, U.S.A.—Transactions of the American Society of Mechanical Engineers. Vols. I.-XVI. 1881-95.
Army Medical Department.—Report for 1894.
Asiatic Society of Bengal.—Bibliotheca Indica. New Series. 850-867.—Index of the Mâsir ul Umar. Fasc. II.—Catalogue of the Persian books and MSS. in the Library. Fasc. 3.
Australian Museum, Sydney.—Report of Trustees for 1894.—Records. II. 6.
Berwickshire Naturalists' Club.—Proceedings. XIV. 2.
Biblioteca Nazionale Centrale di Firenze.—Bollettino delle pubblicazioni Italiane. 218-244.
Birmingham Natural History and Philosophical Society.—Proceedings. IX. 1.
John Brown, B.Sc.—Nature. Vols. XLIX., L., LI.
Calcutta University.—Tagore Law Lectures. 1891-92.
Calendars or programmes have been received from the following institutions:—Aberdeen University; Académie de Neuchatel; Auckland University; Belfast Queen's College; Bombay University; Bradford Technical College; Brown University; Calcutta University; California University; Canterbury College, New Zealand; Cape of Good Hope University; Catholic University of America; Christiania University; Coimbra University; College of New Jersey, Princeton; College of Preceptors, London; Cornell University; Dalhousie University, Halifax; Durham College of Science; Durham University; Edinburgh University; Edinburgh School of Medicine; Glasgow and West of Scotland Technical College; Gratz University; Guy's Hospital Medical School; Heriot-Watt College; Imperial

University, Tokyo; Johns Hopkins University; M'Gill University, Montreal; Mason Science College, Birmingham; Massachussets Institute of Technology; Melbourne University; New Zealand University; Otago University; Owens College, Manchester; Padua University; Pennsylvania University; Pharmaceutical Society; Presbyterian College, Halifax; Queen's College, Galway; Queen's University, Kingston; Royal College of Surgeons of England; Royal Institute of British Architects; R. Università di Pisa; Royal University of Ireland; St. Petersburg University; Sydney University; Technische Hochschule zu Aachen; Toronto University; Trinity College, London; Turin University; Union of Graduates in Music; University College, Bristol; University College, Dundee; University College, Liverpool; University College, London; University College, Nottingham; University College of North Wales; Utrecht University; Vermont University; Victoria University, Canada; Victoria University, Manchester; Vienna University; Yale University; Yorkshire College, Leeds.

Cambridge Philosophical Society.—Proceedings. VIII. 4, 5; IX. 1.

Chemical Society.—Journal. Nos. 389-400.—Abstract of proceedings. Nos. 149-160.

Cincinnati Chamber of Commerce.—Forty-sixth annual report. 1895.

Clinical Society of London.—Transactions. XXVIII.

Cornell University.—Library Bulletin. Nos. 37-39.

Department of Science and Art.—Rules for organized science schools. 1895.—List of inspectors, sub-inspectors, etc. 1895.—Directory, 1895.—Supplement to the catalogue of the science library.—Prospectus of College of Science, 1895-96.—Forty-second report of Committee of Council on education.—Drawing and manual instruction in schools during 1893-94.—Prospectus of Whitworth's scholarships. 1895.—Examination papers for science schools. 1895.—Prospectus of Art Training School. 1895.—Art library. List of works on ceramics. 1895.—Drawing in elementary schools.—Catalogue of science collections. Parts 1-7. 1892.—Calendar, etc. 1896.—Art examination papers for 1895.

Edinburgh Mathematical Society.—Proceedings. Vols. I.-XIII. 1883-95.

James Finlayson, M.D.—The Medical Chronicle. N.S. II., III. 1894-95.—Galen: two bibliographical demonstrations.

Fishery Board for Scotland.—Thirteenth annual report.

General Assembly of the Church of Scotland.—Report on the schemes of the Church. 1895.

Geological and Natural History Survey of Minnesota.—Twenty-second and twenty-third annual reports. 1893-94.

Geological Survey of Canada.—Annual report. N.S. VI. 1892-93.—Report of progress for 1876-77.—Palaeozoic fossils. II. 1; III. 1, 2.—Twenty-five maps. 1895.—Mezozoic fossils. I. 3.—Contributions to palaeontology. II. 1.

Geological Survey of India.—Records. XXVIII.

Glasgow City Chamberlain.—Municipal and parochial accounts, 1894-95.

Glasgow Natural History Society.—Transactions. New Series. IV. 1. 1892-94.—Library catalogue. 1895.

Glasgow Archaeological Society.—Transactions. N.S. II. 3.

Glasgow Pathological and Clinical Society.—Transactions. V.

Government Observatory, Bombay.—Magnetical and meteorological observations. 1894.

Government of Netherlands India.—Observations made at the Observatory at Batavia. XVI.—Rainfall in the East Indian Archipelago, 1893.

Harvard University.—Annual reports, 1893-94.

Imperial University, Tokyo.—Mittheilungen aus der medicinischen Facultät. II. 2., III. 1, 2.—Journal of the College of Science. VII. 4, 5; VIII. 2; IX. 1.

Institution of Civil Engineers.—Minutes of proceedings. CXIX.-CXXII.—Catalogue of the Library. 3 Vols. 1895.—Charters, bye-laws, and list of members. 1895.—Subject index, LIX.-CXVIII.

Institution of Engineers and Shipbuilders.—Transactions. XXXVIII.

Institution of Mechanical Engineers.—Proceedings. 1894, No. 4; 1895, Nos. 1, 2.

Institution of Naval Architects.—Transactions. XXXVI.

James Paton, F.L.S.—Kelvingrove Museum. Report for 1895.

James Murray's Asylum, Perth.—Sixty-eighth report.

Johns Hopkins University.—Register for 1894-95.—Reeves, Beginnings of the Congo Free State; and thirty-five other dissertations.—University circulars. Nos. 117-122.

Johns Hopkins Hospital.—Bulletin. Nos. 47-58.

King's College Hospital.—Reports. I. 1893-94.

Lloyds Register of Shipping.—Register for 1895-96. 2 Vols.—Rules and regulations, 1895-96.

Local Government Board.—Medical officer's report on cholera in England in 1893.—Medical officer's report for 1893-94.—Report of the Port and Riparian Sanitary Survey of England. 1895.

Lords of H. M. Treasury.—Challenger Expedition: summary of results. 2 parts. 1895.—Register of the Privy Council of Scotland. Vol. XII.—Exchequer Rolls of Scotland. Vol. XV.—Calendar of Border papers. II. 1895.—Journals of the House of Lords. 126.—Journals of the House of Commons. 148.—Acts of Parliament: Public, Local, Private. 1895.

John C. MacVail, M.D.—County Council of Stirling. Fourth report.—County Council of Dumbarton. Fourth report.—Report on pollution of the Gareloch. 1895.

Manchester Literary and Philosophical Society.—Memoirs and Proceedings. 4. S. IX. 2-6.

Middlesex Hospital.—Reports for the year 1894.

Mineralogical Society.—Mineralogical Magazine. Nos. 49, 50.

Missouri Geological Survey.—Keyes, Palaeontology of Missouri. 2 parts. 1894.—Winslow, Lead and Zinc deposits. 2 Vols. 1894.

Periodicals per Dr. Dickson.—Academy. Nos. 1183-1234.—Church Quarterly. Nos. 78-81.—Critical Review. V.—Nineteenth Century. Nos. 215-226.—The Thinker, VII., VIII.

Pharmaceutical Society.—Journal. 1895.—Calendar, 1896.

Physical Society of London.—Proceedings. XIII. 3-8, 10-13.

Physical Society of Edinburgh.—Proceedings. Session 1894-95.

Emeritus Professor Dickson, D.D. Buchanan, Elocution up-to-date.—Crawford, Common words commonly mispronounced. 1894.—Jones, Is the order of nature opposed to the moral life? And 30 other pamphlets.—Thirty years' work in the Holy Land. 1895.—Campbell, Sermons. 1882.—Stirling, Inveresk parish-lore. 1894.—Macpherson, Commentary on the Ephesians. 1892.—Mackenzie, Sword and seed basket. 1895.—Testimonials of Professor Adamson and Dr. Wenley.—Nobody and somebody. 1877.—The female rebellion. 1872.—Winer, Grammar of New Testament diction. 1861.—Weiss, Biblische Theologie des Neuen Testaments. 1873.—Hutchison, Lectures on the Thessalonians. 1884.—Waifs of three years. By James R. Anderson. 1871.—Lockhart, Sermons for seasons of sorrow. 1893.—Murdoch, A glossary to the Bannatyne MS., 1894.—Education News. Nos. 1012-1055.—Palestine Exploration Fund. Quarterly statement. 1895. And other 79 volumes.

Professor Ferguson, LL.D.—Address on the connection of chemistry with medicine. 1891. Address on the academic study of medicine. 1892.—Dr. Hermann Kopp as historian of chemistry. Third Presidential address to the Philosophical Society.

Professor Jack, LL.D.—Proceedings of the London Mathematical Society. Nos. 500-536.

Professor Jones.—Laurie, Survey of pre-Christian education. 1895.

Professor M'Kendrick, M.D.—Deeley, Structure of glacier-ice. And 6 other pamphlets. Heron-Royer, Vestibule de la bouche chez les têtards de batraciens. And 66 other pamphlets.—Alma Mater. XII. 14-18.—Thomson, Germ theory of phthisis. And 15 other pamphlets.—Churchhill, Diseases of women. And 59 other books.—Hyde, Notes from the practice of a Spa physician. 1895.—Tone and Curves of the phonograph. 1895.—Thomson, Smoke abatement. And 30 other pamphlets.—Wager, Bad air and bad health.—Fürbringer, Morphologie und Systematik der Vögel. II. 1888.—Chisholm, Glasgow Improvement Trust. 1895.

Professor Ramsay, LL.D.—Latin prose versions. Large paper copy. 1894.

Professor Robertson, D.D.—Faulmann, Illustrirte Geschichte der Schrift.—M'Cook, The appeal in the Briggs heresy case. 1893.—Reports of the 3rd and 4th Indian National Congress.—Strack, Blutaberglaube. And 26 other pamphlets.

Professor Stewart, D.D.—Batchelor, The Levitical sin-offering. 1887.—Decline of the pulpit and its causes.

Professor Story, D.D.—Unity not union: a sermon. 1895.—The Church of Scotland, its present and its future. 1894.—Proceedings of General Assembly of the Presbyterian Church of Canada. 1894 and 1895.

Professor Lord Kelvin.—Compte rendu des travaux de la Société Helvétique. 1894.—Actes de la Société Helvétique. Compte rendu. 1893-94.—Bulletin of the American Mathematical Society. 2nd ser. I. Nos. 1-6.—American journal of mathematics. XVI. 2-4; XVII. 1-2.—Monographs of the U.S. Geological

Survey. XXIII., XXIV. 1894. Bulletin of the U.S. Geological Survey. Nos. 118-122.—Transactions and proceedings of the New Zealand Institute. XXVII. —Accademia delle Scienze di Bologna. Scienze Fisiche. Memorie. Serie 5ª Tomi I.-III. Rendiconti. 1891-94.—Transactions of the Society of Engineers. 1894. And other 20 volumes and 180 numbers of periodicals.

The Publisher.—Canadian Gazette. Nos. 622-673.

Radcliffe Library, Oxford.—Catalogue of books added during 1894.

Regality Club.—Papers and Illustrations. 3rd series. Part 2.

Reid, Dr. Thomas.—Stellwag, Die Ophthalmologie. 3 Bände. 1853.—Ruete, Lehrbuch der Ophthalmologie. 1845.—Fano, Traité des maladies des yeux. 2 tomes en 1. 1866.—Beer, Lehre von den Augenkrankheiten. 2 Bände. 1813-17. —Arlt, Die Krankheiten des Auges. 3 Bände in 1. 1860.—Picqué, Maladies du globe de l'œil, 1886.—Brockhaus, Conversations-Lexikon. XIII.-XVI.—Leffler, Sonya Kovalevsky. 1895.—Huygens, Œuvres complètes. Tome VI.—Meusel, Lexicon Caesarianum. 3 vols. 1887-93.

Reports have been received from the following libraries:—Liverpool Free Public Library.—Stirling's and Glasgow Public Libraries.—Baillie's Institution Free Library.—Mitchell Library, Glasgow.—Public Library and Museum of Victoria.—Public Libraries, Newcastle-upon-Tyne.—Aberdeen Public Library.—Public Libraries of St. Martin-in-the-Fields.—St. Louis Public Library.—Public Library, Boston.

Royal Academy of Medicine in Ireland.—Transactions. XII. 1894.

Royal Astronomical Society.—Monthly notices. LV.—Memoirs. LI.

Royal Institute of British Architects.—Journal. II.

Royal Irish Academy.—Transactions. XXX. 15, 16, 17.—Proceedings. 3rd ser. III. 4. —List of members. 1895.

Royal Scottish Academy.—68th annual report. 1895.

Royal Scottish Society of Arts.—Transactions. XIV. 1.

Royal Society of Canada.—Proceedings and transactions for 1894.

Royal Society of New South Wales.—Journal and proceedings. XXVIII.

Royal Society of Victoria.—Proceedings. Vol. VII.

Secretary of State for India.—Epigraphia Indica. III. 6, 7. IV. 1, 2.—Search for Sanskrit MSS. in the Bombay Presidency, 1884-87.—Catalogue of the Sanskrit MSS. in the Library of the India Office. Part IV.—Report of the Sanitary Commissioner, 1893. Archaeological report, North West Provinces and Oudh, 1893-94. Archaeological Survey of India. New Series. XVIII. 1., XXII.—Index of MSS. in the Oriental MSS. Library, Madras. 1893.—Hrishekesa Sastri, Catalogue of Sanskrit MSS. in Calcutta Sanskrit College. Nos. 1-3. 1892-95.—Notices of Sanskrit MSS. XI.—Indian hemp drugs Commission. Report, etc. 7 vols. 1894.

Smithsonian Institution.—Annual report, 1893. Bulletin of the U.S. National Museum. Nos. 17-32. Woodward, Smithsonian geographical tables. 1894.—Seymour, Bibliography of aceto acetic ester. 1894.—Sergi, Varieties of the human species. 1894. Contributions to North American ethnology. IX. 1893. —Annual report of the Bureau of Ethnology. 1889-90, 1890-91.—Hodge, List of publications of Bureau of Ethnology. Holmes, An ancient quarry in Indian territory.—Rockhill, Journey through Mongolia. 1894.—Fowke, Archeologic investigations in James and Potomac Valleys: and two others. Morley, Densities of oxygen and hydrogen.—Origin, history, and objects of the Institution. 1895.—Langmuir, Index to the literature of didymium.—Magee, Index to the literature of cerium and lanthanum.

Society of Antiquaries of Scotland.—Proceedings. 1893-94.

Society of Chemical Industry.—Journal. XIV. 1895.

Society of Public Analysts.—The analyst. XX. 1895.

Aberdeen University. Monocerotis cornu abreptum restitutum celebratum. 1895.

Surgeon-General's Office, U.S. Army.—Index Catalogue of the Library. XVI. 1895.—List of titles of medical periodicals employed in the Index-catalogue. 1895.—Report for 1894-95.

Technische Hochschule zu Aachen. Claisen, Ueber die Oxymethylenderivate der Ketone. 1894. Borght, Krieg und Volkswirthschaft. Festrede. 1895.—Hermann, Festrede zur Feier der 25 Wiederkehr des Tages der Neubegründung des deutschen Reiches.

Trustees of the British Museum.—Lister, Monograph of the mycetozoa. 1894.—Catalogue of snakes. II. 1894.—Catalogue of additions to the MSS. 1888-93.—Catalogue of the spiders of Burma. 1895.—Catalogue of fishes. 2nd ed. I. 1895.

U.S. Bureau of Education.—Steiner, History of education in Maryland. 1894.—Report of the Commissioner of education. 1891-92. 2 vols.

U.S. Geological Survey.—Fourteenth annual report. Two parts. 1893.—Geological atlas of the United States. Nos. 1-6, 8-12.
U.S. Department of Agriculture.—North American fauna. No. 8, 10.—Barrows, The common crow of the United States. 1895.
U.S. Coast and Geodetic Survey.—Bulletin. Nos. 31-34.—Report for 1893. 2 parts.
Universidad de Chile.—Anales. Entrega. 32a.
Universität zu Wien.—Vorlesungsverzeichniss. 1895 und 1895-96.—Personalstandverzeichniss. 1895-96.—Inaugurationsbericht. 1895-96.
Université de Lille.—Travaux et memoires des Facultés de Lille. III. 10-14.
Université de Lyon.—Bulletin. IX. 1, 2.
University of California.—Bulletin of Department of Geology. Nos. 8, 9.
University of the State of New York.—State Library bulletin. Legislation. No. 5.—Bibliography, No. 1. Additions. No. 2. Public Libraries. No. 3. Museum bulletin. III. 12, 13.—Forty-seventh report of the State Museum. 1894.—Seventy-sixth report of the State Library. 1894.
University of Nebraska.—Agricultural Experiment Station. Bulletin No. 43. Press bulletin No. 6.
University of Utrecht.—Alblas, Bibliographie der Werken van Theodoor Rodenburg, and 31 other dissertations.
Yale University.—Report of the President for 1894.—Observatory report for 1894-95.
Rev. C. Voysey.—Sling and the Stone. Vol. X.—Theism: or the Religion of common sense.—Theism as a science of natural theology. 1895.
Mr. Montague Smith.—Psalms pointed for chanting with music. 1894.—The Christian hymnal. 2nd ed. 1894.—Hymn tunes.
William Griffith, Barrister.—The Sabbath: an essay.
Messrs. John Wright & Co., Bristol.—The Medical Annual. 1895.—Startin, A pharmacopeia for diseases of the skin. 1896.
Committee of Manchester College, Oxford.—Proceedings and addresses at the opening of the College buildings. 1893.
Marquess of Lothian.—The genus masdevallia. Parts IV.-VI.
Halle-Wittenberg University.—Das zweihundertjährige Jubiläum.
Rev. William Russell, M.A.—Essays on sacred subjects. 1889.
Mr. John Rae.—Life of Adam Smith. 1895.
Uruguay Republic.—Anuario estadistica. 1893, 1894.—Estadistica escolar al año de 1893.—Rasgos biographicos del Señor Don Juan Idiarte Borda. 1894.—Aranjo, Nuestro pais: cuadros descriptivos del Uruguay. 1895.—Comercio exterior y mouvimiento de navegacion. 1894.
Sir Henry Meysey-Thompson, M.P.—The silver Question: three papers.
T. Lauder Brunton, M.D.—The Harveian oration. 1894.
Olive G. Pettis.—Autobiography of Jesus of Nazareth. 1894.
Surgeon-Major J. P. Barry, M.B.—P. and O. rates: a study of contrasts. 1895.
Mr. Thomas Mason.—Catalogue of documents of the parish of St. Martin-in-the-Fields. 1895.
Rothschild'sche öffentliche Bibliothek.—Zugangsverzichniss für 1894.
Mr Adolphus A. Jack.—Thackeray: A Study. 1895.
Union of American Hebrew Congregations.—Judaism at the World's Parliament of Religions. 1894.
Prof. John S. Mackenzie, M.A.—An Introduction to Social Philosophy. 2nd ed. 1895.
Robert L. Jack, F.G.S.—Artesian Water in Queensland. 1895.
Professor James Mavor.—M'Lean, The tariff history of Canada. 1895.
James B. Russell, M.D., L.L.D.—Index to the Reports of the medical officers to the Privy Council, etc. 1858-93.—The sanitary history of Glasgow in the 19th century. 1895.—On the prevention of tuberculosis. 1896.
Mr. William Cleland.—Loved, lost, and found: verses. 1895.
R. M. Wenley, D.Sc.—University Extension movement in Scotland. 1895.—Veitch, Dualism and monism. 1895.
M'Gill University, Montreal.—Annual report for 1894.
His Majesty the King of Siam.—The Tripitaka. The sacred writings of the southern Buddhists. (In Siamese.) 39 vols.
Royal University of Ireland.—Examination papers. 1894.
Mr. A. Cotgreave.—Free access to books in a lending library. 1895.
Navy Department, Japan.—Report of the health of the Navy for 1893.
Toronto Engineering Society.—Papers, No. 8.
Mr. James L. Galbraith.—Lyde, Moods of the moment.
Director General de Correos y Telegrafos, Republica Argentina.—Codigos postal y telegráfico. 3 vols. 1895.

Rev. W. S. Bruce, M.A.—The ethics of the Old Testament. 1895.
Volta Bureau, Washington.—Bell, Note on syllabic consonants.
Professor W. K. Brooks, LL.D.—The genus salpa.
William Bruce, M.D.—Fourth report of the public health of Ross and Cromarty.
Bibliothèque communale de Lille.—Catalogue. 11 vols.
John James Hope-Johnstone, Esq., of Annandale.—The Annandale family book of the Johnstones. 2 vols. 1894.
John G. Robertson, M.A., Ph.D.—Der arme Heinrich. Edited by J. G. Robertson. 1895.
The Earl of Crawford, K.T., F.R.S.—Bibliotheca Lindesiana: catalogue of Chinese books and MSS. 1895.
M. Emile Lemoine.—Étude sur le triangle.—Le report anharmonique.
Direccion General de Estadística Municipal de Buenos Aires.—Anuario estadístico, 1894.
The Home Secretary.—Experiments on living animals. 1895.
John Lindsay Steven, M.D.—Biographical sketch of John Reid, surgeon. 1895.
The Duke of Sutherland.—Fraser, The Sutherland book. 3 vols. 1892.
Government of Ceylon.—Smither, Architectural remains, Anuradhapura, Ceylon. 1894.
Theodore Crivetz.—Essai sur le postulat d'Euclide. 1895.
Norwegische Commission der Europäischen Gradmessung.—Astronomische Beobachtungen. 1895.—Resultate der ausgeführten Pendel-beobachtungen. 1894.
Mr. William Gay.—Walt Whitman: his relation to science and philosophy. 1895.
Scottish Congregational Union.—Year book. 1895-96.
George Lane Mullins, M.D.—Epidemic diseases in Sydney. 1895.—Notes on hydatid disease in New South Wales. 1895.—Notes on phthisis in New South Wales. 1895.
Corporation of the City of London.—Sharpe, London and the kingdom. III. 1895.
Universal Publishing Co.—Lady Cook on the evils of society. 1895.
Swedenborg Society.—Eighty-fifth report. 1895.
Ministero della Istruzione Pubblica, Italia.—Indici e cataloghi. 42 parts.—Le opere di Galileo Galilei. V.
Incorporation of Maltmen, Glasgow.—Chronicles of the Maltmen Craft in Glasgow. 1605-1895.
Hon. W. E. Hearn, Victoria.—The general code. 1885.
Rev. William Dobie.—Ezra. Book I. (In Ethiopic.) Edited by Prof. John Dobie, B.D.
Miss E. Rogers, Baltimore.—Rogers, Emendations in Aeschylus. 1894.
Mr. Adair Welcker.—Flavia: a drama.
James Davidson, M.A.—Davidson, Old Aberdeenshire ministers and their people. 1895.
Howard Association.—Summary report of the Paris Prison Congress, 1895.
Hungarian Statistical Bureau.—Ungarisches statisches Jahrbuch, 1894.
Newberry Library.—Report of the Trustees, 1892-94.
Prof. I. H. Harrison, St. Petersburg.—A dream of the sea, and other poems. 1894.—Tolstoy as preacher. 1895.
Royal Geographical Society of Australasia.—Proceedings of the Queensland Branch. X. 1894-95.
Botanical Survey of India.—Report of the Director, 1894-95.
Cape of Good Hope Observatory.—Report for 1894.—Meridian observations, 1885-87.—Catalogue of 1713 stars. 1894.
Mr. William G. Macdonald.—Hyde, Principles of gunnery. Second edition. 1862.—Browne, Ammunition for rifled ordnance.
Mr. George Macdonald, M.A.—Notes on Plato's Republic. Books VIII.-IX. 1895.
Inspector Nacional de Instruccion Primaria.—Memoria correspondiente al año 1893.
Sig. Giuseppe Caetani.—I Mississipiani. 2nd ed. 1895.
Director des communalstatistischen Bureaus, Budapest.—Budapest im Jahre 1891.
Charles M. Aikman, D.Sc.—Milk, its nature and composition. 1895.—The food of crops. 1895.
George Fleming, C.B., LL.D.—A text-book of veterinary obstetrics. 2nd ed. 1896.—Animal plagues. Vol. II.
M'Gill University, Montreal.—List of graduates, 1895.
Dr. William Wright.—Account of Palmyra and Zenobia. 1895.
Archbishop Eyre.—Turner, The fresh-water algae of East India. 1892.
Merchants' House of Glasgow.—Constitution, regulations and affairs, 1895-96.
Mr. Alex. A. Cuthbert.—How to place eight men on the squares of a draught-board without being in line.

James Macdonald, LL.D.—The Roman room of the Hunterian Museum. 1895.
William Griffith, Barrister.—The code of Indian criminal procedure. 1872.
Sir Herbert S. Oakeley, LL.D.—Carmen funebre, set to the music of Chopin's Marche funèbre.
William Smart, LL.D.—Studies in economics. 1895.
The Editors.—British Guiana medical annual and hospital reports. VII. 1895.
Messrs. MacLehose & Sons.— Lang, Glasgow and the Barony thereof. 1895.
James Wallace, M.D.—Sketch of the sanitary conditions of Greenock. 1895.
Mr. Levi Orser.—Natural method of writing music. 1893.
Messrs. Aird & Coghill.—The Covenants and the Covenanters. 1895.
Rev. W. Campbell.—The blind in China. 1895.
Thomas Kirkpatrick Munro, M.D.—History of chronic nervous diseases. 1895.
Mrs. Ramsay of Kildalton.—The Book of Islay. Privately printed. 1895.
Aberdeen University.—Catalogue of additions to Library in King's College. 1894-95.—Subject cataloguing in the Library. 1895.
G. H. Edington, M.D.—The bile salts in relation to the secretion of urea. 1896.
Glasgow Young Men's Christian Association.—Library catalogue. 1895.
H. H. the Maharaja of Bhavnagar.—Collection of Prakrit and Sanskrit inscriptions.
Mr. William Jacks.—Robert Burns in other tongues. 1896.
British School at Athens.—The annual. No. 1. 1894-95.
Prof. Edmund J. James, Ph.D.—Relation of the modern municipality to the gas supply.—The farmer and taxation.—Education of business men : and 2 others.
Tufts College, Mass.—Tufts College studies. No. IV.
University of Christiania.—Aarsberetning for 1892-94.—Universitets-Bibliothekets Aarbog for 1892.—Jahrbuch des norwegischen meteorologischen Instituts für 1892.
Iowa Geological Survey.—Third annual report. 1894.
Mr. J. W. Bradley.—Books before printing. 1888.
The Royal Society, per the Director of the Geological Survey.—Carte géologique internationale de l'Europe. Liv. I.
John Glaister, M.D.—Dr. William Smellie and his contemporaries. 1894.
Charles Butler, Esq., London.—Memoirs of Sir John Clerk and of John Macky, Esq. 1895.
Mr. Archibald J. Dunn.—The Tehuantepec railway. 1896.
Brown University, Providence, R.I.—Historical catalogue. 1764-1894.—Address book of living graduates, 1894 and 1895.—Annual report of the President. 1895.
Mr. Richard Cadbury.—Cocoa : all about it. 1896.
A. K. Chalmers, M.D.—Report on Stirling County Ball cases of enteric fever. 1896.
Dr. E. Fernandez Espiro.—Memoria referente á la epidemia de cólera de 1894-95 en la provincia de Santa Fé.
The Publishers.—The liberty review. 1895.
The Publishers.—Colonial enterprise : weekly review of mines, etc. 1895.
Philadelphia Polyclinic and College.—The Philadelphia polyclinic. IV.
British Medical Temperance Association.—The medical pioneer. III.
The Publishers.—St. Bartholomew's Hospital journal. II.
The Publishers.—The Positivists' review. 1895.

DIVINITY HALL LIBRARY.

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the University Court of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

HUNTERIAN MUSEUM.

This Museum was founded by the eminent William Hunter, M.D., who was born in 1718, at Cantieswell or at Long Calderwood, in the Parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archaeological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at page 28. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of which is galleried.

The Hunterian Museum is under the immediate superintendence of the Museums Committee, consisting of two members of the University or others, not being members of Senate, appointed by the University Court, and of four members of Senate, appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College. Keeper—Professor John Young, M.D.; Under-Keeper, John Young, LL.D.; Assistant-Librarian, Alexander Murdoch; Under-Keeper in Pathological Department, J. H. Teacher, M.B., C.M.

Visitors desirous of consulting in the Museum should, if possible, arrange to come between 2 and 4 P.M. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a few days before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. Catalogues of the Library, Medals, and Minerals are in course of preparation.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends three times during the session.

Donations to Museum 1895-96.

The following donors have contributed to the Museum during the past year :—

Zoological Department.—Live peregrine falcon, Allan Line ; live alligator, Capt. C. Mitchell, S.Y. "Hermione" ; peripatus, land planarians, etc., from Trinidad, James Hutton, student ; Chinese skull, Dr. Hugh Galt.

Geological Department.—Prehnites, J. Neilson ; graphite, Mr. John Smith ; Newfoundland copper ores, Mr. Ferguson ; monazite, Mr. James Anderson ; Arran pitch-stone and hematite, Dr. Thos. Young ; minerals and fossils, J. Munro, medical student.

Ethnological Department.—Commander A. Balfour, R.N., through Mrs. Cleland, The College, canoe and carved wooden images from Solomon Islands, in sequence to previous gifts.

Library and Numismatic Department.—300 coins, found by J. Morrow Campbell, B.Sc., in N. Persia ; M. Ivoronos, catalogue and papers on Greek coins ; 39 vols. of Greek classics, gifted by A. Murdoch, Esq. ; bust of Principal Macfarlane (by Rev. Dr. Arnott), Rev. Prof. Dickson ; portrait of John Clark, Junr. (Mile-end), given by Col. W. Clark ; portrait of Faraday (by Bell), given by T. Graham Young, Esq., West Calder.

The most important addition during recent years has been the collection of the late F. A. Eck, Esq., formerly of Hollybush. During a long residence in South America, and afterwards while resident in Britain, Mr. Eck formed a splendid collection of minerals, numbering in all over 3,000 specimens. The minerals of Peru, Chili, Guatemala, New Grenada, Mexico, and California, are richly illustrated, while the European series of over 1,200 specimens is also representative. There are besides a fine series of polished precious stones, and also specimens of the old Mexican and Peruvian Pottery, and of modern carved work. This splendid gift, augmented this year by a further addition of 150 precious stones from Miss Eck—along with the handsome cabinets in which the specimens are contained—the largest since Miss Brown of Lanfine presented, in 1875, one half of her late father's mineral collection, is due to the generosity of Mr. Eck's family, who have enjoined that the collection be kept apart and used, so far as possible, to aid the teaching of Mineralogy. Miss Brown has this year presented a further series of polished amethyst, marble, jade, and enamel cups and tesserae. In February, 1888, the Council of the West of Scotland Technical College made over to the Hunterian Museum the Zoological and Ethnological collection of the Andersonian Univer-

sity, later known as Anderson's College, and now merged in the Technical College, the Council requiring the space for illustrations of the lectures given under their direction. The collections, which are of very great value and extent, were largely due to the generosity of the naturalists and merchants of Glasgow, to whom the Hunterian Museum is also under great obligations.

BOTANIC GARDEN.

A piece of ground adjoining the old College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-Room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A Lecture-Room, in which the Professor of Botany delivered an annual course of Lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to its present site in Hillhead, at a greater distance from the old College, so that the Professor, while he continued to give in it the practical portions of the course (*Demonstrations*), found it more convenient to deliver his Lectures at the College. The removal of the College to Gilmorehill brought it nearer the Botanic Garden, but the Lecture-Room in the Garden being inadequate for the students attending the course of Elementary Lectures on Botany, and there being no Laboratory, Museum, or Herbarium-Room in the Garden, the Professor has continued to deliver his Lectures and to have his Laboratory at the College. Arrangements are in progress for the erection of suitable buildings at Gilmorehill.

VIII.—GRADUATION IN THE SEVERAL FACULTIES.

EXAMINERS.

Preliminary Examinations in Arts, Science, and Medicine.

The University Court of each University annually appoints as Examiners such number of Professors or Lecturers in the Faculty of Arts in that University, and such additional Examiners as may be deemed necessary. The Preliminary Examinations in Arts, Science, and Medicine are conducted by these Examiners, under the control and supervision of a Joint-Board appointed in January of each year by the several University Courts from among the Examiners, according to a scheme of rotation prescribed in Ordinance No. 13, Section IV., as supplemented by Ordinance No. 43, Section I. The Joint-Board holds office from the first day of February to the thirty-first day of January in the succeeding year, and sits at each University in rotation in the following order:—Edinburgh (1893-4), Glasgow (1894-5), Aberdeen (1895-6), St. Andrews (1896-7). It consists of eight Professors or Lecturers and eight additional Examiners, two Professors or Lecturers and two additional Examiners being appointed by the University Court of each University, according to the scheme printed on p. 143. In the case of a candidate at a Preliminary Examination who is permitted to offer himself for examination in any language not included in the Preliminary Examination, each University makes special arrangements for the examination of its own candidates.

Degrees in Arts.

The Examiners for Degrees in Arts are the Professors whose subjects qualify for Graduation in Arts, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Science.

The Examiners for Degrees in Science are the Professors whose subjects qualify for Graduation in Science, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

University.	1893, and every Fourth Year thereafter (1897).	1894, and every Fourth Year thereafter (1898).	1895, and every Fourth Year thereafter (1899).	1896, and every Fourth Year thereafter (1900).
St. Andrews,	English (Professor). Classics (Additional Examiner). Mathematics and Dynamics (Additional Examiner). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Professor). Mathematics and Dynamics (Additional Examiner). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Professor). Mathematics and Dynamics (Professor). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Additional Examiner). Mathematics and Dynamics (Professor). Modern Languages (Professor or Lecturer).
Glasgow,	English (Additional Examiner). Classics (Additional Examiner). Mathematics and Dynamics (Professor). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Additional Examiner). Mathematics and Dynamics (Additional Examiner). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Professor). Mathematics and Dynamics (Additional Examiner). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Professor). Mathematics and Dynamics (Professor). Modern Languages (Additional Examiner).
Aberdeen,	English (Additional Examiner). Classics (Professor). Mathematics and Dynamics (Professor). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Additional Examiner). Mathematics and Dynamics (Professor). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Additional Examiner). Mathematics and Dynamics (Additional Examiner). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Professor). Mathematics and Dynamics (Additional Examiner). Modern Languages (Additional Examiner).
Edinburgh,	English (Professor). Classics (Professor). Mathematics and Dynamics (Additional Examiner). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Professor). Mathematics and Dynamics (Professor). Modern Languages (Additional Examiner).	English (Additional Examiner). Classics (Additional Examiner). Mathematics and Dynamics (Professor). Modern Languages (Professor or Lecturer).	English (Professor). Classics (Additional Examiner). Mathematics and Dynamics (Additional Examiner). Modern Languages (Professor or Lecturer).

Degrees in Medicine.

The Examiners for Graduation in Medicine are the Professors whose subjects qualify for Graduation in Medicine, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary, such provision being made as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

Degrees in Law.

The Examiners for the Degree of Bachelor of Laws are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

The Examiners for the Degree of Bachelor of Law are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

Degrees in Divinity.

The Examiners for the Degree of Bachelor of Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

No person is eligible for appointment to the office of additional Examiner, whether for Preliminary Examination or for Degrees in Arts, Science, or Medicine, who is a Professor, Lecturer, or University Assistant or Demonstrator in any Scottish University, and the appointment of any additional Examiner during the currency of his term of office to a Professorship, Lectureship, or to the office of University Assistant or Demonstrator in any Scottish University is held to vacate his office of Examiner. The periods of appointment of additional Examiners are so adjusted as to secure that all the Examiners shall not vacate their office at the same time ; but no Examiner can be appointed for a longer period than four years, and no person who has held the office of Examiner for a period of three or four years is eligible for reappointment to the office of Examiner in the same University until he has ceased to hold the office of Examiner in such University for not less than one year.

In the event of a vacancy in the office of a member of the Joint-Board, or of an Examiner or additional Examiner in Arts, Science, or Medicine, occurring otherwise than by expiration of his term of office, the person appointed in his room is appointed for the remainder of such term only.

REGULATIONS FOR GRANTING DEGREES.

I. GRADUATION IN ARTS.

Regulations applicable to all who have entered on their Academical Course since 1st October, 1892.

The conditions on which the Degree of Master of Arts is now conferred are regulated by Ordinances No. 11[1] and No. 44 of the Universities Commissioners (1889), the principal provisions of which are the following :—

I. The Academical year in each University shall commence on the first day of October. The classes shall meet for the winter session (which shall include not less than twenty teaching weeks) on such day thereafter as the Senatus of each University shall determine; and shall close not later than the tenth day of the following April.

The University Court of each University shall institute a summer session in such of the subjects or branches of subjects qualifying for graduation in Arts as may be determined by the said Court after consultation with the Senatus. Such session shall commence on such day as the Senatus of each University shall determine, and shall include ten teaching weeks at least. The classes shall be conducted by the Professors, or by Lecturers appointed under Ordinance No. 17 (Regulations as to Assistants and Lecturers).

II. The Curriculum for the Degree of Master of Arts (M.A.) shall extend over not less than three winter sessions, or two winter sessions and three summer sessions.

Preliminary Examination.[2]

III. (1) Before entering on the Curriculum (subject to the proviso contained in Section IV., Sub-section 1) each student shall pass a Preliminary Examination in the following subjects :—

1. English.
2. Latin or Greek.
3. Mathematics.
4. One of the following :—Latin or Greek (if not already taken), French, German, Italian, Dynamics.

(2) The examination must be passed in the matters and on the standards hereinafter defined; but there shall be a higher and a lower standard in Latin and in Greek, and a higher, an intermediate, and a lower standard in Mathematics.

Candidates must pass on the higher standard in at least one of these

[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 477-485, and the modifications made by Ordinance No. 44 were inserted in italics in the *University Calendar* for 1894-95.

[2] Supplementary Regulations issued by the Joint Board on 31st January, 1896, have been inserted in smaller type at the points in the ordinances to which they refer.

three subjects, and may pass on the lower standard in either or both of the remaining two; subject always to the conditions relative to attendance contained in Section IV. hereof.

(3) English shall include Grammar and Composition, and the outlines of Geography and British History, and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

In the case of a foreign student, whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint-Board of Examiners may deem sufficient.

The Joint-Board has issued the following directions showing the character of the papers to be set in English:—

English will include (*a*) Grammar, (*b*) Composition, (*c*) Literature, (*d*) History, and (*e*) Geography.

(*a*) Grammar will include Analysis, Parsing, Derivation, and Correction of Sentences.

(*b*) Composition will include an Essay and Paraphrasing.

(*c*) Literature—(i.) In October, 1896, will include a general knowledge of the life and works of the greater writers, and a more special knowledge of the works of two or three of these writers. In October, 1896, the subjects prescribed for special study will be—Shakespeare, *Henry the Fifth*, and Scott, *Fair Maid of Perth*. (ii.) In and after April, 1897, Literature will include a knowledge of certain prescribed books of two or three writers, and the amount of prescribed work will therefore be increased. Questions requiring a general knowledge of the life and works of the greater writers will no longer be set; but one or two questions may be set, giving an opportunity to candidates who have read widely in English Literature to show their knowledge. In April and October, 1897, the special subjects will be—Shakespeare, *Coriolanus*; Scott, *Quentin Durward*; Tennyson, *The Princess* and *Enoch Arden*; Macaulay, *Lord Clive*. In April and October, 1898, the special subjects will be—Shakespeare, *The Tempest*; Scott, *Heart of Midlothian*; Milton, *L'Allegro*, *Il Penseroso*, *Arcades*, *Comus*, *Lycidas*; Addison, selections from *Spectator* (Macmillan, ed. Deighton).

N.B.—In October, 1896, alternative papers will be set in English Literature—one on the lines laid down in Paragraph (i. , and the other on the lines laid down in Paragraph (ii.), the prescribed books being the same for each paper, and candidates may select whichever they prefer.

(*d*) History will include a knowledge of one of the three following periods to be taken in successive years, in the order herein mentioned, namely:—The outlines of the History of both England and Scotland from the Roman Occupation to the Accession of James I. in 1603 (for October, 1896); from the Accession of James I. in 1603 to the Union of the Parliaments in 1707 (for April and October, 1897); from the Union of the Parliaments in 1707 to the Reform Bill of 1832 (for April and October, 1898).

(*e*) Geography will include a general knowledge of the Geography of the World, and a special knowledge of the Geography of the British Empire.

(4) Latin and Greek shall comprise grammatical questions, translation into English from Latin or Greek authors not previously prescribed, and translation of plain passages or easy sentences from English into Latin or Greek. The higher standard shall not be lower than that presently adopted in the examination for a Curriculum of three sessions, or for the Higher Grade Leaving Certificate of the Scotch Education Department, and the lower standard shall not be lower than that presently adopted for the Lower Grade Leaving Certificate of the said Department.

The Latin examination on the higher standard will be—Translation, Prose Composition, Grammar, and Sentences.

The Greek examination on the higher standard will be—Translation, Sentences, and Grammar.

The passages for translation both from Greek and Latin will include Prose and Verse.

The Latin examination on the lower standard will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

The Greek examination on the lower standard will be—Translation, Sentences, and Grammar.

In the Latin and the Greek papers both on the higher and lower standards, candidates are required to satisfy the Examiners both in Composition and in Translation.

Candidates who, having taken the examination on the higher standard in Latin or Greek, have failed to pass on that standard, but have obtained a percentage of marks equivalent to a pass on the lower standard, may be held by the Board to have passed the examination on the lower standard.

(5) French, German, and Italian shall comprise grammatical, literary, and easy philological questions, translation into English from French, German, or Italian authors not previously prescribed, and translation from English into French, German, or Italian; and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

For the examination in French and German—

Two papers will be set, both in French and German—an hour and a half being allowed for the first paper, and two hours for the second; the first paper will contain a passage for translation from English into French or German, with some short sentences of an idiomatic character; the second paper will contain a set of grammatical questions, two passages for translation into English (one in verse, one in prose), and a selection of literary, philological, or historical questions, from which the candidate will be allowed to choose *one only*.

The questions on Literature will be confined, year by year, to certain groups of authors, as in the following scheme, viz.:

FRENCH.—(i.) In October, 1896 (17th century)—Pascal, Descartes, Corneille, Racine, Molière, Boileau, La Fontaine, Madame de Sévigné, Bossuet, Fénelon, La Rochefoucauld, La Bruyère. (ii.) In April and October, 1897, (18th century)—Regnard, Lesage, Massillon, Saint Simon, Voltaire, Montesquieu, Vauvenargues, Marivaux, Jean Jacques Rousseau, Diderot, Buffon, Beaumarchais, Bernardin St. Pierre, Mirabeau. (iii.) In April and October, 1898 (19th century)—Chateaubriand, Madame de Staël, Lamartine, Victor Hugo, Alfred de Musset, Alexandre Dumas, George Sand, Balzac, Prosper Mérimée, Guizot, Thiers, Mignet, Michelet, About.

GERMAN.—(i.) In October, 1896—Klopstock, Wieland, Lessing, Herder, Bürger, Voss, Friedrich Leopold Stolberg, Hölty, Leisewitz. (ii.) In April and October, 1897—Goethe, Schiller, Klinger, Lenz, Schubert, Arndt, Körner, Rückert. (iii.) In April and October, 1898—Jean Paul, the Schlegels, Novalis, Tieck, Arnim, Brentano, Grillparzer, Heine, Uhland.

(6) Mathematics on the lower standard shall comprise—(*a*) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (*b*) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations; (*c*) Geometry: Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration.

(7) Mathematics on the intermediate standard shall include the following, in addition to the subjects included in the lower standard, viz.:—(*a*) Euclid: Book VI., Propositions 1-19, or Geometry equivalent thereto. (*b*) Algebra: Quadratic Equations, Ratio and Proportion. (*c*) The Trigonometry of Right-angled Triangles.

(8) Mathematics on the higher standard shall, in addition to what is included in the lower standard, comprise Euclid, Books IV., VI., and the first twenty-one propositions of Book XI. (or their equivalents), with Deductions, Quadratic Equations, Trigonometry to the Solution of Triangles inclusive, and the use of Logarithmic Tables.

In the examination in Mathematics on the higher, the intermediate, and the lower standards each question in Geometry will consist of two parts, of which one will be an easy deduction or illustrative exercise on the proposition set as bookwork.

The papers in Mathematics on the higher standard and on the intermediate standard will be devoted to the various subjects comprised in them as nearly as possible in the following proportions: two-fifths to Geometry, two-fifths to Algebra (including Arithmetic, if thought desirable), and one-fifth to Trigonometry.

Candidates for the higher standard may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

The pass-mark for candidates on the intermediate standard is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the intermediate standard; but such candidates will receive credit for any question they may answer.

The paper in Mathematics on the lower standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

(9) Dynamics shall mean the Elementary Statics and Kinetics of Solids, Liquids, and Gases.

The paper on Dynamics will be directed to test the candidate's knowledge of the fundamental principles of the subjects included in it. As far as possible each question will consist of two parts, one of which will be a numerical or other simple illustrative example of the principle with which the other part of the question deals. About one-seventh of the paper will be devoted to Kinematics, and the remainder of the paper will be assigned to Kinetics, Statics, and Hydrostatics in as nearly as possible equal proportions.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each section of the paper.

Dynamics shall include the following:—(*a*) *Kinematics.* Displacements, velocities and accelerations of a moving point, with their compositions and resolutions. Translation of a rigid body. Relative velocity of two moving points. (*b*) *Kinetics.* The laws of motion. Momentum, force, energy, work—their measures in the British and C.G.S. systems of units. Change of units. Rectilinear motion of a particle under the action of constant forces. Free motion of a body under gravity, including projectiles. Atwood's machine. Impulsive forces. Direct impact of smooth spheres. (*c*) *Statics.* Composition and resolution of co-planar forces. Theory of co-planar couples. Conditions of equilibrium of forces in one plane. Centre of mass. Friction. Machines. Application of the principle of work to machines. (*d*) *Hydrostatics.* Definitions of *solid*, *fluid*, *liquid*, *gas*. Viscosity. Measure of the pressure at a point of fluid. Law of equable transmission of pressure. Laws of variation of pressure in heavy liquids. Resultant pressure of a heavy liquid on a plane surface, including the centre of pressure of a plane surface. Principle of Archimedes. Experimental determination of the densities of solids, liquids, and gases. Atmospheric pressure. The barometer. Boyle's Law. The siphon, pumps for liquids, air pumps, and the diving-bell.

Questions may be set which involve the Trigonometry of Right-angled Triangles.

(10) A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may *offer*

himself for re-examination as often as may be necessary *to satisfy this condition.*[1]

IV. (1) Attendance on any class shall not qualify for graduation, unless the whole Preliminary Examination has been previously passed. *Any student who has passed in Latin, Greek, or Mathematics on the higher standard may attend a qualifying class in such subject or subjects without having passed in the other subjects of the examination, provided always that* (a) *no candidate shall be allowed to present himself for examination in any subject qualifying for graduation until he has passed the whole Preliminary Examination; and* (b) *no student shall be admitted to a degree in Arts unless he has attended qualifying classes in the University granting the degree, or in another Scottish University, as provided by Section XXV. hereof, for three academic years after he has completed his Preliminary Examination.*[1]

(2) Attendance on a class in any language included in the Preliminary Examination shall not qualify for graduation, unless the candidate, before entering the class, has passed the Preliminary Examination in that subject, and on the higher standard where a double standard is provided. He may, for that purpose, attend any Preliminary Examination held during the course of his study, taking only the paper set in that subject; provided always that the provisions of the sub-section immediately preceding shall have been satisfied.

(3) Attendance on a class in any language not included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed an examination in that language on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination.

(4) Attendance on a class of Mathematics or Natural Philosophy shall not qualify for graduation unless the candidate, before entering the class, has passed in Mathematics on the higher standard or on the intermediate standard.

V. (1) The Preliminary Examination shall be held at each University twice in each year, under such regulations as the Senatus, with the approval of the University Court, shall from time to time determine, and shall be conducted in writing.[2]

(2) The Joint-Board of Examiners to be appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to accept the Higher Grade Leaving Certificate of the Scotch Education Department in any subject as an equivalent for the Preliminary Examination in that subject; and to accept the Lower Grade Leaving Certificate of the said Department as an equivalent for the Preliminary Examination on the lower standard in Latin, Greek, and Mathematics; provided they are satisfied that the standard of the examination, at which the said certificates were granted, is not lower than that required by this ordinance.

Under this sub-section the Joint-Board of Examiners has resolved as

[1] The words in italics are taken from a supplementary Ordinance No. 44, which was approved by Her Majesty in Council on 28th May, 1894, and came into force on 1st October, 1894. The ordinance provides that the alterations on Sections III. (10) and IV. (1) shall be held to have come into force on 1st October, 1892.

[2] For dates of Preliminary Examinations see Table on page 151.

follows:—For the Preliminary Examination in Arts and Science the Higher and Honours Grade Leaving Certificates of the Scotch Education Department in Latin, Greek, and Mathematics will be accepted as equivalent to the higher standard in each of these subjects, as prescribed by the Arts Ordinance, and the Lower Grade Certificate to the lower standard; the Higher and Honours Grade Leaving Certificate in English and Modern Languages will be accepted as equivalent to the standard prescribed for each of these subjects by the Arts Ordinance.

(3) The Joint-Board of Examiners shall have power to determine what examinations, if any, other than those for the Leaving Certificates of the Scotch Education Department, may be accepted as equivalent to the Preliminary Examination in whole or in part, provided they are satisfied that such other examinations are in fact equivalent thereto.

Under this sub-section the Joint-Board has resolved as follows:—

(*a*) A Degree in Arts or in Science, not being an Honorary Degree, in any of the Universities of the United Kingdom, shall exempt from the Preliminary Examination in Arts or in Science, as the case may be.

(*b*) A Certificate of having passed in the Honours or First Division in English in the London University Matriculation Examination will be accepted as equivalent to English in the Arts and Science Preliminary Examination; and the Joint-Board also accepts, for the Preliminary Arts and Science Examination (1) London University Matriculation Mathematics as equivalent to Lower Mathematics; (2) London University Matriculation Mechanics as equivalent to Dynamics; and (3) London University Intermediate Mathematics as equivalent to Intermediate and Higher Mathematics.

(*c*) The Higher Certificate of the Oxford and Cambridge Schools Examinations Board will be accepted as equivalent to the higher standard in each subject in the Preliminary Examination in Arts and Science, and their Lower Certificate as equivalent to the lower standard.[1]

(*d*) Oxford University Senior Local Examinations, if passed with distinction, to be accepted as exempting *pro tanto* in Higher Latin, Higher Greek, French, German, and Intermediate Mathematics, provided that in English the candidate has passed in division 1, and in division 3, or 4, or 5; if without distinction, to be accepted *pro tanto* for Lower Latin, Lower Greek, and Lower Mathematics.

(*e*) Oxford University Higher Examination for Women to be accepted as exempting *pro tanto* for the Arts and Science in the case of Higher Latin, Higher Greek, English, and Lower Mathematics; and if with distinction, for French and German, and Higher Mathematics.

(*f*) Cambridge University Local Examinations:—

1. Junior Locals. The pass with distinction to be accepted for Lower Mathematics, provided the candidate has passed in Books I., II., and III. of Euclid, and in Quadratic Equations.

2. Senior Locals. The pass to be accepted as exempting *pro tanto* for Lower Latin and Lower Greek, and for Higher Mathematics; and if with distinction, for Higher Latin and Higher Greek, and English.

(*g*) Cambridge University Higher Local Examinations to be accepted *pro tanto*.

[1] This regulation will hold only till October, 1897, inclusive.

Table of Preliminary Examinations for Degrees in Arts, Science, and Medicine to be held during Session 1896-97.

I. ARTS AND SCIENCE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. or 10s. 6d.	10th September or 8th March.	Italian, - -	Friday, 25th September, 2 to 5 p.m.	Friday, 26th March, 2 to 5 p.m.
		English, - -	Saturday, 26th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Saturday, 27th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		Lower Greek, -	Saturday, 26th September, 3 to 6 p.m.	Saturday, 27th March, 3 to 6 p.m.
		Lower Latin, -	Monday, 28th September, 9 a.m. to 12 noon.	Monday, 29th March, 9 a.m. to 12 noon.
		Lower Mathematics	Monday, 28th September, 2 to 5 p.m.	Monday, 29th March, 2 to 5 p.m.
		Higher Latin, -	Tuesday, 29th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Tuesday, 30th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (1st Paper),	Tuesday, 29th September, 3 to 4.30 p.m.	Tuesday, 30th March, 3 to 4.30 p.m.
		Higher Greek, -	Wednesday, 30th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Wednesday, 31st March, 9 to 11 a.m., and 12 noon to 2 p.m.
		German (1st Paper),	Wednesday, 30th September, 3 to 4.30 p.m.	Wednesday, 31st March, 3 to 4.30 p.m.
		Intermediate and Higher Math., -	Thursday, 1st October, 9 to 11 a.m., and 12 noon to 2 p.m.	Thursday, 1st April, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (2nd Paper),	Thursday, 1st October, 3 to 5 p.m.	Thursday, 1st April, 3 to 5 p.m.
		German (2nd Paper),	Friday, 2nd October, 9 to 11 a.m.	Friday, 2nd April, 9 to 11 a.m.
		Dynamics, - -	Friday, 2nd October, 1 to 4 p.m.	Friday, 2nd April, 1 to 4 p.m.

II. MEDICINE.

10s. 6d. or 10s. 6d.	10th September or 8th March.	English, - -	Saturday, 26th September, 9 to 11 a.m., and 12 noon to 2 p.m. (New Model, 9-12.)	Saturday, 27th March, 9 a.m. to 12 noon.
		Greek, - - -	Saturday, 26th September, 3 to 6 p.m.	Saturday, 27th March, 3 to 6 p.m.
		Latin, - - -	Monday, 28th September, 9 a.m. to 12 noon.	Monday, 29th March, 9 a.m. to 12 noon.
		Mathematics, -	Monday, 28th September, 2 to 5 p.m.	Monday, 29th March, 2 to 5 p.m.
		French, - -	Tuesday, 29th September, 3 to 6 p.m.	Tuesday, 30th March, 3 to 6 p.m.
		German, - -	Wednesday, 30th September, 3 to 6 p.m.	Wednesday, 31st March, 3 to 6 p.m.

(*h*) Oxford and Cambridge Schools Examinations Board. Lower Certificate to be accepted for Lower Mathematics, provided the candidate has passed in three books of Euclid, and as far as Quadratic Equations in Algebra.

Higher Certificate. The pass to be accepted for Lower Latin, Lower Greek, and Lower Mathematics, provided the latter includes Elementary and Additional Mathematics; if with distinction, to be accepted for Higher Latin, Higher Greek, French, German, and Higher Mathematics.

(*i*) Victoria University. The Preliminary Examination to be held as exempting from the Preliminary proper, but not from the examination required for admission to a graduating class in any language.

(*j*) For the Preliminary Examination in Arts and Science, the Deans of the Faculties concerned are empowered to accept, *pro tanto*, such examinations qualifying for entrance to recognized Colonial and Foreign Universities (although not included in the list of Equivalent Examinations issued by the Joint-Board) as they consider to be sufficient, but on condition that they afterwards report each case to their respective Senates, and to the Joint-Board as soon as possible.

Ordinary Degree.

VI. Candidates for the ordinary degree of Master of Arts may follow the Curriculum and take their degree in the subjects hitherto recognized for graduation, as provided by the regulations[1] contained in Ordinances Nos. 12, 14, 18, and 69 of the Commissioners under the Universities (Scotland) Act, 1858, subject always to the preceding provisions of this ordinance; or they may vary the Curriculum for graduation under the regulations contained in the immediately succeeding sections.

VII. (1) Candidates shall attend full courses in at least seven subjects, and shall be examined on these subjects.

(2) Of these subjects four must be (*a*) Latin or Greek (not Modern Greek); (*b*) English or a Modern Language (*i.e.* French, German, Italian, or Spanish) or History; (*c*) Logic and Metaphysics, or Moral Philosophy; (*d*) Mathematics or Natural Philosophy.

(3) The remaining subjects may be selected by the candidate from the departments specified in Section IX. of this ordinance, under the following condition:—That the whole subjects taken shall include either (*a*) both Latin and Greek (not Modern Greek), or (*b*) both Logic and Moral Philosophy, or (*c*) any two of the following three subjects:—Mathematics, Natural Philosophy, and Chemistry.

VIII. (1) Each of the subjects must be studied in a full course of not less than one hundred meetings of the class on separate days, except in cases where the Senatus, with the approval of the University Court, shall have sanctioned, as qualifying for graduation, half courses of not less than fifty meetings on separate days; or where the Senatus, with the approval of the said Court, shall, having regard to the nature of the subject, sanction full courses of less than one hundred or of less than fifty meetings respectively.

Under this sub-section the Senate, with the approval of the University Court, has sanctioned, as qualifying for graduation, half courses in the

[1] See pp. 158, 159.

following subjects, viz.:—Latin, Greek, Political Economy, Philosophy of Law, Mathematics, Astronomy, Geology, Constitutional Law and History,[1] and Public Law.

(2) Two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

Under this sub-section the Senate, with the approval of the University Court, has determined that any two half courses in subjects which are taught only in half courses and not in full courses in Arts, shall be held to be equivalent to a full course, and that where in Arts a full course is given in any subject, a half course in such subject shall not be combined with a half course in any other subject, but only with a second half course in the same subject, both the systematic and practical portions of the courses being taken in cases where both are prescribed.

(3) Where a subject is taught in a practical class, as well as in a systematic class, the Senatus, with the approval of the University Court, shall regulate the course of study and determine the relative proportion of lectures and laboratory or practical work.

Under this sub-section the Senate, with the approval of the University Court, has resolved that in Chemistry, Botany, and Zoology the course of study for a Degree in Arts, and the relative proportion of lectures and laboratory or practical work, shall be as follows:—

1. Chemistry.—A systematic course of one hundred meetings of the class and a practical course of two and a half months.

2. Botany.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

3. Zoology.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

IX. The departments of study for graduation in Arts in each University shall, if adequate instruction is provided, include the following subjects, with such additions or modifications in any University as may hereafter be made by ordinance of the University Court:—

1. *Language and Literature.*

Latin.	French.	Sanskrit.	Celtic.
Greek.	German.	Hebrew.	Modern Greek.
English.	Italian.	Arabic or Syriac.	

2. *Mental Philosophy.*

Logic and Metaphysics.	Education (Theory, History, and Art of).
Moral Philosophy.	Philosophy of Law.
Political Economy.	

3. *Science.*

Mathematics.	Astronomy.	Zoology.	Geology.
Natural Philosophy.	Chemistry.	Botany.	

4. *History and Law.*

History.	Roman Law.
Archæology and Art (History of).	Public Law.
Constitutional Law and History.	

[1] Candidates for the Degree of Master of Arts with Honours in the Group of History may attend the course of eighty Lectures in Constitutional Law and History, and may reckon such attendance as attendance on a full course.

X. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the ordinary degree of Master of Arts on payment of the fees required.

Degree with Honours.

XI. (1) The degree of Master of Arts may be taken with Honours in any of the following Groups, in which Honours Classes shall have been established in at least two subjects:—

(*a*) Classics (*i.e.*, Latin and Greek, with optional subjects such as Comparative Philology, Ancient Philosophy, and Classical Archæology).
(*b*) Mental Philosophy.
(*c*) Mathematics and Natural Philosophy.
(*d*) Semitic Languages.
(*e*) Indian Languages.
(*f*) English (Language, Literature, and British History).[1]
(*g*) Modern Languages and Literature (*i.e.*, French, German, Italian, or Spanish).
(*h*) History.

(2) Every Candidate shall take up at least five subjects. Two of these subjects, under separate Professors or Lecturers, must be selected from the Candidate's Honours Group; and the five subjects shall include one from each of the Departments of Language and Literature, Mental Philosophy, and Science, set forth in Section IX. of this Ordinance.

(3) Every Candidate shall attend seven Classes, taking two Classes (one of which shall be an Honours Class) in each of his Honours subjects.

(4) A Candidate who has obtained Honours in any one Group, may, before graduating, present himself again for examination in a second Honours Group. In such a case, he shall not be required to attend more than two additional Classes, which shall be Honours Classes, in the second Group.

(5) The examination in the subjects comprised in the Candidate's Honours Group shall be of a higher standard than that required for the ordinary degree of Master of Arts. In his other subjects the standard shall be that required for the ordinary degree.

(6) The Senatus shall, subject to the provisions of Sections XVI. to XX. of this Ordinance, from time to time determine what subjects shall be comprised in each Group, what subjects may be taken in half courses, and in which Group they may be taken: Provided that no new Group shall be instituted except by Ordinance of the University Court.

(7) The provisions of Section VIII. of this Ordinance shall apply to Candidates for Honours; but, in their case, not fewer than fifty meetings, on separate days, extending over an entire winter session, shall constitute a full course for an Honours Class; and not fewer than twenty-five meetings on separate days, extending over half a winter session, or an entire summer session, shall constitute a half course.

[1] The Senatus Academicus, in determining the courses to be attended within the Honours Group entitled "English (Language, Literature, and British History)," and the character of the examination specified in Section XI., Sub-section 1 (*f*), shall regard English Literature as constituting the chief subject of the Group, the linguistic and historical subjects being regarded as subsidiary thereto.

XII. (1) Every Candidate shall include Latin, or Greek, either in his Honours Group or as one of the subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

(2) Greek shall be compulsory for candidates for Honours in Mental Philosophy.

(3) Candidates for Honours in English, or Modern Languages and Literature, or History (Groups *f*, *g*, *h*, of Section XI. hereof), shall include within the whole subjects taken for their degree (*a*) Logic and Metaphysics or Moral Philosophy and (*b*) Mathematics or Natural Philosophy.

XIII. (1) The whole examination in the candidate's Honours Group must be taken at one time, and the whole examination necessary for graduation with Honours must be taken within five years from the date of the candidate's first matriculation after having passed the Preliminary Examination, unless that period shall be extended by the Senatus on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the extension.

(2) Candidates for Honours may be examined, at any time during their Curriculum, in the three subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

XIV. (1) A candidate who has passed the examinations necessary for the ordinary degree of Master of Arts, but who has not yet graduated, may present himself for Honours within five years from the date of his first matriculation after having passed the Preliminary Examination, and shall not be required to attend further classes:—subject always to the provisions of Section XII. hereof.

(2) No one shall be allowed to present himself a second time as a candidate for the degree of Master of Arts with Honours, who, upon examination, has failed to obtain Honours.

(3) A candidate shall be held to have presented himself who has notified his name for Examination in accordance with the University regulations. But it shall be in the power of the Senatus to relax this rule on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XV. (1) In each Group there shall be three Grades of Honours, to be denominated respectively the First, Second, and Third Class. The names of the candidates entitled to Honours in each class shall be arranged in alphabetical order.

(2) For the degree of Master of Arts with Honours a Diploma shall be given setting forth the subjects in which he has taken Honours.

Boards of Studies.

XVI. The Senatus of each University shall from time to time institute Boards of Studies corresponding as nearly as may be to the Departments of Study enumerated in Section IX. of this Ordinance.

XVII. Each Board of Studies shall consist of such Members of the Senatus and Lecturers in the University as the Senatus may from time to time select, and the Senatus shall appoint one of the Members of the Board to be Convener thereof.

XVIII. Before the end of each winter session each Professor and Lecturer in the said Departments of Study shall submit to the proper Board of Studies for its approval a syllabus of the subjects and books proposed for the work of his class for the next academical year. As soon as such approval has been given, the syllabus shall be transmitted to the Faculty of Arts for its consideration. The syllabus, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

In addition to the syllabus of subjects specified in Section XVIII., the Professors, and in the case where a subject is taught by a Lecturer only, the Lecturer or Lecturers, shall submit to the proper Board of Studies a syllabus of the subjects and books to be prescribed for the examinations for the Ordinary Degree of Master of Arts in the next academical year, and for the Honours examinations in the academical year next but one.

XIX. (1) Before the end of each winter session each Board of Studies shall prepare a scheme defining for the academical year next but one following, the classes which shall be deemed to be Honours Classes, and the subjects and courses of reading for Honours in its department, and shall report the same to the Faculty of Arts for its consideration. The scheme, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

(2) Each Board shall in like manner make recommendations through the Faculty of Arts to the Senatus in regard to the half courses which may be sanctioned under the provisions of this ordinance, and the Lectures which may be given on special subjects.

XX. The Principal and the Dean of the Faculty of Arts shall be *ex-officio* Members of each Board of Studies. The Convener shall preside, and, in his absence, each meeting shall appoint its own Chairman, and every Chairman shall have a deliberative, and, in cases of equality, a casting vote.

General.

XXI. In the case of a foreign student whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint Board of Examiners may deem sufficient. In the case of a student whose native language is other than European, the Senatus may accept as an alternative to Latin or Greek any other classical language, such as Sanskrit or Arabic, subject always to the provisions of Section IV., Sub-section 3 hereof.

XXII. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class as qualifying for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XXIII. The examination in all the languages in the Curriculum shall, as far as possible, be on the same standard in examinations for the same degree, and shall in all cases test the candidate's knowledge of the history and literature of the several countries.

XXIV. A candidate for the degree of Master of Arts shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XXV. A student, who has given attendance at classes recognized as qualifying for graduation during one or more sessions in any one or more of the Scottish Universities, may complete his Curriculum by giving attendance during the remainder of his course in another Scottish University, and may proceed to a degree in the latter University in the same way, in all respects, as if the previous part of his Curriculum had been taken therein: Provided always that every such student shall be bound to produce, to the satisfaction of the Senatus of the latter University, certificates of his having passed the Preliminary Examination, and of his attendance at the former University or Universities, and shall be examined in all the subjects necessary for a degree of Master of Arts by the Examiners of the University in which he completes his Curriculum, and in which alone he shall be allowed to graduate; and that no such student shall be admitted to a degree in any University unless he has given attendance in such University during the last winter session of his Curriculum, and one other winter session or two summer sessions.

XXVI. A candidate for the degree of Master of Arts with Honours, who has failed to be placed in any class, may, provided that in the opinion of the Examiners he has given evidence of sufficient attainments in any subject for the ordinary degree of Master of Arts, receive from them a certificate of having passed in such subject, which shall count *pro tanto* as part of the examination required under the regulations for the ordinary degree of Master of Arts.

XXVII. The degree of Master of Arts shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XXVIII. A student who, previous to 1st October, 1892, commenced his course of study with a view to graduation in Arts in any of the Scottish Universities under the regulations[1] in force at the time in such University, may complete his course and become a candidate for the degree of Master of Arts, with or without Honours, in conformity with such regulations. And any such student who has passed the examination hitherto required for admission to a Curriculum of three sessions shall, if he desire to come under the regulations of this Ordinance, be exempted from the Preliminary Examination herein required.

XXIX. Students may attend any classes without having passed the Preliminary Examination within the meaning of this Ordinance, but such attendance shall not qualify for graduation.

Attendance on classes in the Faculty of Arts in which the teaching is on the standard at present recognized for the classes hitherto known as Junior or Middle Classes, shall in no case qualify for graduation.

XXX. It shall be competent for the University Court in each University to discontinue the Junior Classes, or Middle Classes, where such exist, in Latin, Greek, and Mathematics, when, in the opinion of the Court, the provision for Secondary Education in schools throughout the country is sufficient to render such classes no longer necessary.

[1] See pp. 158, 159.

Regulations applicable to all who began their Academical Course before 1st October, 1892.

I. The ordinary course of study necessary for the Degree of Master of Arts (except in the circumstances mentioned in the following paragraph) extends over four winter sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, English Literature, and Natural Philosophy respectively.

II. Any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, may be admitted to such higher class or classes without having attended the Junior class or classes, in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.

III. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the Junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

IV. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other Scottish University, to complete his course of study and proceed to the Degree of M.A. in this University: Provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University: Provided also, that no student shall be admitted to a degree in this University unless he has given attendance in this University during the last two sessions of his course.

V. Any student who has completed the required attendance on the Latin and Greek classes, may be examined on those subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic, Moral Philosophy, and English Literature, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

VI. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a degree, offer themselves for a farther examination, with a view to Graduation with Honours:[1] Provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours, but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts: Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill-health or other sufficient cause.[2]

There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination, viz.:—

A. Classical Literature;
B. Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy;
C. Mathematics, including Pure Mathematics and Natural Philosophy; and
D. Natural Science, including Botany, Geology, Zoology, and Chemistry.

In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class; but in the department of Natural Science there is one class of Honours only; and the names of the candidates entitled to Honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

The papers for the examinations under the old regulations are the same as those in the corresponding subjects for the Degree of M.A. under the new regulations, and the examinations take place at the same time.

For Dates of Examination, see Table on p. 168.

[1] The provisions with regard to Honours contained in this and the following paragraphs are applicable only to those who began their curriculum before session 1892-93.

[2] By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill-health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.

The Examination Questions set in April, 1896, in the several Departments and Subjects will be found towards the end of the *Calendar*.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	**October, 1896.** VIRGIL, *Æneid*, Book X. HORACE, *Odes*, Books I, III, IV. HORACE, *Satires*, II, or MARTIAL (Sellar's Selections), Books V, VI, VII. TACITUS, *Annals*, V, VI. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO'S *Epistles*, any 40 consecutive pages (Prichard & Bernard's Edition); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY, from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. Latin Prose Composition and Grammar. **April and October, 1897.** VIRGIL, *Æneid*, Book XII. PROPERTIUS (Ramsay's Selections, Books I, II, III, IV). HORACE, *Satires*, Book II, or *Epistles*, I. TACITUS, *Annals*, Books V, VI. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO'S *Epistles*, any 40 consecutive pages (Prichard and Bernard's Edition); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. *Note.*—Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is required, so as to enable a student to explain and comment on the text, and explain allusions.	**October, 1896, and afterwards till further notice.** VERSE. VIRGIL, *Æneid*, VII—XII. HORACE, the *Satires* and *Epistles*. And any two (or more) of the following combinations: (*a*) LUCRETIUS, Books I, II (or III and IV to line 1019), with a play of PLAUTUS. (*b*) JUVENAL (the whole excepting *Sat.* II, VI, and IX). (*c*) PERSIUS, with Sellar's Selections from Martial, Books I–IV. (*d*) CATULLUS (Strong's Selection) and PROPERTIUS (Ramsay's Selection). PROSE. CICERO, the *Philippic Orations*, I-VI, or any oration of Cicero, or any consecutive portion of Cicero's *Epistles* (Muirhead's or Prichard and Bernard's Selections) of at least equal length. LIVY, I–III, or XXI–XXIII. TACITUS, *Annals*, Books I–IV. With Latin Composition, History, and Antiquities, etc. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GREEK	**October, 1896.** HOMER, *Il.* XVI, or *Od.* XIV. EURIPIDES, *Iphigenia in Aulide*, or *Hippolytus*. PLATO, *Republic*, VIII and IX, omitting p. 546 and pp. 583—585 inclusive; or HERODOTUS, VI, 1—131. PLUTARCH, *Timoleon*. Unseen translation and composition. History of Greece; either Chap. I—XX in Oman's *History;* or Chap. XXI—XXXV (*i.e.* 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities. **April and October, 1897.** HOMER, *Od.* XIV, or *Il.* VI. SOPHOCLES, *Oedipus Tyrannus*, or *Oedipus Coloneus*. THUCYDIDES, II, 1—65; or PLATO, *Republic*, VIII and IX, omitting p. 546 and pp. 583—585 inclusive. ARISTOTLE, *Poetics*, I—XXIII (omitting XX, XXI). Unseen translation and composition. History of Greece; either Chap. I—XX in Oman's *History;* or Chap. XXI—XXXV (*i.e.* 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities.	**October, 1896, and afterwards till further notice.** VERSE. HOMER, any twelve books. Any two of the following six groups, *i.e.* an amount equivalent to four plays in all: 1. AESCHYLUS, Two plays of the *Oresteia*. 2. SOPHOCLES, two plays selected from the *Oedipus Tyrannus*, *Oedipus Coloneus*, *Antigone*. 3. EURIPIDES, two plays selected from the *Phoenissae*, *Iphigenia in Aulide*, *Hippolytus*. 4. PINDAR, *Pythian Odes;* or *Olympian;* or *Nemean and Isthmian*. 5. THEOCRITUS, *Idylls*, I—XV, XXVIII, and *Epigrams*. 6. APOLLONIUS RHODIUS, *Argonautica*, III. PROSE. THUCYDIDES, or HERODOTUS, any two books, or any consecutive passage equivalent in length to the two shortest books. Either—1. PLATO, two of the following Dialogues—*Phaedo*, *Protagoras*, *Gorgias*, *Theaetetus*, *Apology:* Or— 2. ARISTOTLE, *Politics*, Books I, II, III, or IV, V, VI (as numbered in Bekker's text); or *Constitution of Athens and Poetics*. Or— 3. DEMOSTHENES, *De Corona* and *Philippics*. Greek Composition and unseen translation. Questions in Greek Grammar, Literature, History, and Antiquities. Candidates will be required to show a thorough acquaintance with the subject matter, as well as with the text, of the books. Since April, 1893, candidates, while expected to translate accurately all the books which they profess, are required to offer Three Special Books, in which they will be asked to comment on particular words, passages, and questions of text. The special books may be chosen from the following, one of the three being always prose, and one poetry:—Aeschylus, *Agamemnon* or *Choephoroi;* Sophocles, *Antigone* or *Oedipus Tyrannus;* Euripides, *Hippolytus;* Homer, *Odyssey*, IX—XII, or *Iliad*, XVI, XIX, XXII; Thucydides, IV or VII; Herodotus, VII; Plato, *Phaedo* or *Apology*, or *Protagoras;* Aristotle, *Poetics*. A pure and accurate English style in translation is considered of the highest importance.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
ENGLISH LITERATURE	**October, 1896.** A. For students of session 1894-95:—(1) English Composition; (2) English Philology; (3) History of English Poetry, from Cowper to Keats (text-book, Ward's *English Poets*, vol. 4); (4) (*a*) *Hamlet* (Clarendon Press); (*b*) *Eighteenth Century Essays*, ed. Dobson. B. For students of session 1895-96:—(1) English Composition; (2) English Philology; (3) Elizabethan Drama, especially Marlowe's *Dr. Faustus* and *Edward II.*; Shakespeare's *Two Gentlemen of Verona*, *Henry V.*, *Much Ado about Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus* (optional for men students), *Cymbeline* or *The Tempest* (one or the other); Jonson's *Alchemist* and *Epicœne*; Webster's *Duchess of Malfi*; Beaumont and Fletcher's *Philaster* (optional), Massinger's *New Way to Pay Old Debts* (optional for women students); (4) (*a*) Chaucer's *Nun's Priest's Tale* (Clar. Press); (*b*) Tennyson's *Idylls of the King*. Students of sessions prior to 1894-95 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.* **April and October, 1897.** A. For students of session 1895-96, the subjects of that session specified above under B. B. For students of session 1896-97, the subjects specified on p. 63 (with any modification or addition made during session). Students of sessions prior to 1895-96 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.*	In 1896, and until further notice, the subjects of examination in English[1] (Language, Literature, and British History) will be as follows:— I. LANGUAGE.—English Philology, with Sweet's *Anglo-Saxon Reader* and Morris and Skeat's *Specimens of Early English*, Parts 1 and 2. II. LITERATURE.—(1) General History of English Literature from 1350. (2) Shakespeare. (3) *One* of the following:—(*a*) Anglo-Saxon Poetry; (*b*) Chaucer; (*c*) Scottish Poetry, to Lindsay; (*d*) Dunbar and Spenser; (*e*) Milton and parts of Bacon; (*f*) Dryden, Pope, *Swift*, *Addison*, *Richardson*, *Fielding*, *Johnson*, *Goldsmith*, *Burke*, *Hume*, *Gibbon*, Burns, *Scott*, *Austen*, Wordsworth, Coleridge, Byron, Shelley, Keats, *Carlyle*, Tennyson, R. Browning, *Ruskin*,—any three of these, provided that the three include a poet and a prose-writer, and do not include more than one of the last four writers. Names of authors counted as prose-writers are in italics. Candidates who wish to offer under (*f*) any author not named above, should make early application to the Professor. III. HISTORY.—The History of Great Britain and Ireland, either (*a*) from 1714 to 1815, with special reference to the following works of Burke:—*Thoughts on the Present Discontents*; *Speeches on American Taxation*; *Reflections on the French Revolution*: or (*b*) from 1603 to 1714, with special reference to the following works:—Milton's *Reason of Church Government* and *Tenure of Kings and Magistrates*; Butler's *Hudibras*; Dryden's Satires; Swift's *Conduct of the Allies*. In 1897-98 and thereafter, candidates will also be required to pass an examination in the Outlines of British History to 1815.

[1] See p. 154, and note at foot of page.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
FRENCH	**October, 1896.** For students of session 1895-96:—(1) History of French Literature in the Seventeenth and Eighteenth Centuries; (2) History of France during the same period: (3) Outlines of French Philology; (4) Boileau, *Epîtres:* Corneille, *Cid, Polyeucte;* Racine, *Andromaque, Athalie:* Molière, *Femmes savantes, Tartuffe;* Lafontaine, *Fables:* Montesquieu, *Lettres persanes;* Marivaux, *Le feu de l'Amour et du Hasard:* Voltaire, *Zaire, Contes choisis* (ed. F. Roget); Beaumarchais, *Le Barbier de Séville;* Rousseau, *Discours sur l'Inégalité:* (5) Translation into and from French. **April and October, 1897.** A. For students of session 1895-96, as above. B. For students of session 1896-97:—(1) History of French Literature in the Nineteenth Century; (2) History of France from the Revolution, inclusive; (3) Outlines of French Philology; (4) Chateaubriand, *René, Le Génie du Christianisme;* Lamartine, *Méditations poétiques;* V. Hugo, *Feuilles d'automne, Légende des Siècles;* Musset, *Fantasio* (Comédie); G. Sand, *Indiana:* Balzac, *Eugénie Grandet:* Gautier, *Emaux et Camées;* Augier, *Le Gendre de M. Poirier;* Daudet, *Le Nabab*	
GERMAN	**October, 1896.** For students of session 1895-96:—(1) History of the German Literature since Goethe's death, 1832-1895; (2) Higher New-High German Accidence on an historical and comparative basis; (3) Körner's *Zriny;* Jean Paul's *Titan;* Kleist's *Käthchen v. Heilbronn;* Grillparzer's *Ahnfrau:* Chamisso's *Peter Schlemihl;* Uhland's *Balladş;* Heine's *Harzreise, Lyrics;* Immermann's *Münchhausen;* Lenau's *Savonarola;* Freytag's *Journalisten;* Scheffel's *Trompeter:* Jordan's *Durchs Ohr:* (4) Translation into and from German. **April and October, 1897.** A. For students of session 1895-96, as above. B. For students of session 1896-1897:—(1) History of German Literature from its beginning till 1492; (2) Translation into modern German from the *Nibelungenlied;* (3) Higher Syntax of the New-High German written language; (4) Lenau's *Savonarola;* Freytag's *Journalisten;* Scheffel's *Trompeter;* Jordan's *Durchs Ohr:* Keller's *Der grüne Heinrich;* Spielhagen, *Die Sturmflut;* (5) German Life and Institutions; (6) Translation into and from modern German.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
HEBREW	**October, 1896; April and October, 1897.** The Book of Genesis. Psalms XLII—LXXII. Any one of the following:—(*a*) Joel, (*b*) Nahum, (*c*) Habakkuk, (*d*) Zephaniah. Unseen translation. Unpointed text to be pointed and translated. Translation from English into Hebrew. Questions on Grammar, Syntax, and Accents. Candidates are expected to be acquainted with Pentateuch Introduction as far at least as it is set forth in Spurrell's Notes on the Book of Genesis (2nd edition). They will also be examined on the formation and characteristics of the Psalter; and on the History of the period to which the selected Prophetical book belongs.	
LOGIC	The Class Lectures. Descartes' *Method* and *Meditations* (Veitch's translation).	**October, 1896.** Either—A. As in Syllabus of work for Honours in *Calendar* for 1895-96, p. 158. Or— B. Kant's *Theory of Knowledge*. Candidates will be examined on the *Kritik of Pure Reason*, and will be expected to have a general knowledge of the relations of the Critical Philosophy to preceding modern systems and to the development of Post-Kantian Philosophy in Germany. **April and October, 1897 and 1898.** (*a*) Logic and Psychology: the subjects of the Class Lectures, Ordinary and Advanced. Candidates will be expected to have read some of the larger modern treatises on Logic, such as Mill, Venn, or Sigwart. (*b*) Metaphysics: (1) Kant's *Kritik of Pure Reason*. (2) Plato's *Republic*, Bks. V.-VII., *Philebus*, and *Timaeus*. (*c*) Candidates are, in addition, expected to offer for examination some book, author, period, or subject, to be approved by the Professor.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
MORAL PHILOSOPHY	The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the *Republic* of Plato (translated by Davies and Vaughan).	Candidates for Honours will be examined in October, 1896, and in April, 1897, on the History of Ancient and Modern Philosophy, as well as on Moral and Political Philosophy. They are required to show accurate knowledge of the following books:—(1) Plato's *Republic;* (2) Aristotle's *Ethics;* (3) Spinoza's *Ethics;* (4) Green's *Prolegomena to Ethics;* (5) Caird's *Philosophy of Kant*, Books II, III, and IV; (6) Stephen's *Science of Ethics.* They are also recommended to read Aristotle's *Politics*, Wallace's *Hegel* (the Logic and the Philosophy of Mind), Hume's *Treatise on Human Nature*, Mill's *Utilitarianism* and *Representative Government*, Lotze's *Metaphysics*, and Bradley's *Appearance and Reality.* In October, 1897, and in April and October, 1898:—(1) The Professor's Lectures; (2) Aristotle's *Ethics* (omitting Books VII, VIII, and IX), Aristotle's *Politics*, Books I-IV, and, in connection therewith, the History of Ethical Thought in Greece previous to Aristotle; (3) Spinoza's *Ethics;* (4) The Ethical Theory of Kant, together with Caird's *Philosophy of Kant*, Books II, III, IV; (5) a general knowledge of Modern Hedonism. Candidates are in addition expected to offer for examination some book, subject, author, or period; or to submit a thesis on a subject in Philosophy, *either* in Logic *or* in Moral Philosophy.
POLITICAL ECONOMY	The Lectures and Text-books of the session in which the student has attended the class.	
EDUCATION	**October, 1896.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) Education in Ancient Greece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero, Quintilian; (2) Montaigne, Comenius, Milton; (3) Locke, Rousseau, Pestalozzi, Froebel, H. Spencer. **April and October, 1897.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) Socrates, Plato, Aristotle, Cicero, Quintilian; (2) The Jesuits, Ascham; (3) Locke, Pestalozzi, Froebel; Bell, Lancaster, Stow, Spencer.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
PHILOSOPHY OF LAW	Holland's *Jurisprudence* (fifth, sixth, or seventh edition). Maine's *Ancient Law*. Miller's *Philosophy of Law*.	
MATHEMATICS	Euclid, First Six Books, and Book XI, 1—21. Algebra, including Quadratic Equations, Progressions, and Binomial, Exponential, and Logarithmic Theorems. Plane Trigonometry, including the Solution of Triangles by the aid of Logarithmic tables.	*Second Class.*—In addition, Higher Algebra; Plane Trigonometry; Analytical and Geometrical Conics, and Differential and Integral Calculus so far as treated in the Intermediate Honours Mathematical Class. *First Class.*—In addition, Spherical Trigonometry, Solid Geometry, Differential and Integral Calculus, Differential Equations, and Elements of Finite Differences.
NATURAL PHILOSOPHY	Examination on the subjects explained in the class. On the Elements of Statics and Kinetics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.	Kinetics and Statics of a particle; and an elementary knowledge of Elasticity of Solids and Thermo-dynamics. The subject of special course on Mathematical Physics for session of attendance. Portions of Thomson's *Electrical Papers*. Rigid dynamics, and portions of Thomson and Tait's *Natural Philosophy* (large work); also, either Fourier's *Théorie Analytique de la Chaleur*, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids.
ASTRONOMY	The Professor's Lectures during the session in which the student has attended the class, and Popular Astronomy.	
CHEMISTRY	General principles—Inorganic and Elements of Organic Chemistry. Text-books: Bloxam's *Chemistry*; Watts' *Chemistry*, by Tilden; Armstrong's *Organic Chemistry*; Clowes' *Practical Chemistry*.	
ZOOLOGY	Claus' *Zoology*; Rolleston's *Forms of Animal Life* (Jackson's edition).	
BOTANY	The general principles of the Science of Botany, including External Morphology, Anatomy and Physiology; also the chief characters of the Natural Orders of Phanerogams represented in the British Flora, and of the leading types of Pteridophyta, Bryophyta, and Thallophyta.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GEOLOGY[1]	J. Geikie's *Outlines of Geology*; Green's *Physical Geology* and Lyell's *Manual*.	
HISTORY.	The Professor's Lectures during the session in which the student attended the History Class; and the Text-books recommended for reading during that session.—*N.B.* A knowledge of Geography will be required.	Students will be examined in the following subjects in 1896-97, 1897-98, and until further notice:—(1) The Outlines of British History to 1837. This subject includes the History of England and Scotland, and the History of Ireland from the reign of Henry III. (2) The General History of the Constitution and Constitutional Law. Books recommended: Stubbs, *Constitutional History*; Stubbs, *Select Charters*; Hallam, *Constitutional History*; Erskine May, *Constitutional History*; Anson, *Law and Custom of the Constitution*; Dicey, *Law of the Constitution*; Bagehot, *The English Constitution*. (3) The Constitutional History of the Seventeenth Century, with special reference to the period, 1624-1660. Prescribed books: Hallam, *Constitutional History*; Gardiner, *Documents of the Puritan Revolution*. (4) For 1896-97—European History from 1715 to 1785. Prescribed books: *Recueil des Instructions données aux Ambassadeurs de France, Autriche* (ed. by A. Sorel); Rousseau, *Le Contrat Social*; Arthur Young, *Travels in France; Diaries and Correspondence of the first Earl of Malmesbury*. For 1897-98—French History from 1715 to 1815, with special reference to the period of the French Revolution from 1789 to the end of the Convention in 1795. Prescribed books: Rousseau, *Le Contrat Social*; Arthur Young, *Travels in France*; Bailly, *Mémoires*; Ferrières, *Mémoires*; Bertrand-Moleville, *Mémoires Particuliers*; Schmidt, *Tableaux de la Révolution Française*, tome I.; Morse Stephens, *Orators of the French Revolution*. *N.B.*—In (1) and (4) questions will be set in Historical Geography.
CONSTITUTIONAL LAW AND HISTORY	1. The Outlines of English Constitutional History. 2. Existing Constitutional Law. Authorities recommended—Taswell-Langmead's *English Constitutional History*; Stubbs' *Select Charters* (Introductory Sketch only); Anson's *Law and Custom of the Constitution*, Vol. I.; Dicey's *Law of the Constitution*; Thomas' *Leading Cases in Constitutional Law*.	
ROMAN LAW	Institutes of Justinian (ed. Moyle or Sandars), and the Class Lectures. *Note.*—Candidates who aim at the LL.B. standard are recommended, in addition to the above, to profess *Dig.*, Lib. XVIII, Tit. I. The title is translated and annotated by Mackintosh—Roman Law of Sale.	
PUBLIC LAW	Hall's *International Law*. Candidates are expected to show a general acquaintance with the History of Modern Europe.	

[1] The examination in this and the three preceding subjects will be oral and practical, as well as by written papers.

Table of Examinations in the Subjects for the Degree of M.A., to be held during Session 1896-97.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Fee.	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set.	
			September—October, 1896.	March—April, 1897.
	£1 1s. for Each Subject until £5 5s. shall have been paid.	Astronomy	Saturday, 3rd Oct., 10—12 noon.	Saturday, 20th March, 10—12 noon.
		Geology,	Do., do., 1—3 p.m.	Do., do., 1—3 p.m.
17th Sept. or 3rd March		Chemistry,	Monday, 5th Oct., 10—12 noon.	Monday, 22nd March, 10—12 noon.
		Zoology,	Do., do., 12.30—2.30 p.m.	Do., do., 12.30—2.30 p.m.
		Botany,	Do., do., 3—5 p.m.	Do., do., 3—5 p.m.
		French (1st Paper),	Tuesday, 29th Sept., 3—4.30 p.m.	Tuesday, 30th March, 3—4.30 p.m.
		Do. (2nd Paper),	Thursday, 1st Oct., 3—5 p.m.	Thursday, 1st April, 3—5 p.m.
		German (1st Paper),	Wednesday, 30th Sept., 3—4.30 p.m.	Wednesday, 31st March, 3—4.30 p.m.
		Do. (2nd Paper),	Friday, 2nd Oct., 9—11 a.m.	Friday, 2nd April, 9—11 a.m.
		Philosophy of Law,	Monday, 5th Oct., 9—12 noon.	Monday, 22nd March, 9—12 noon.
		Public Law,	Tuesday, 6th Oct., 2—5 p.m.	Tuesday, 23rd March, 2—5 p.m.
		Education,	Tuesday, 6th Oct., 9—12 and 2—5 p.m.	Tuesday, 23rd March, 9—12 and 2—5 p.m.
		Roman Law,	Wednesday, 7th Oct., 9—12 noon.	Wednesday, 24th March, 9—12 noon.
		Constitutional Law and History,	Do., do., 2—5 p.m.	Do., do., 2—5 p.m.
		History,	Thurs., 8th Oct., 9—12 and 2—5 p.m.	Thursday, 25th March, 9—12 and 2—5 p.m.
		Mathematics,	Friday, 9th Oct., 10—1 and 2—5 p.m.	Friday, 2nd April, 10—1 and 2—5 p.m.
		Natural Philosophy,	Saturday, 10th Oct., 10—1 and 2—5 p.m.	Saturday, 3rd April, 10—1 and 2—5 p.m.
23rd Sept. or 2nd March		Latin,	Monday, 12th Oct., 10—12, 1—3, and 4—6 p.m.	Monday, 29th March, 10—12, 1—3, and 4—6 p.m.
		Greek,	Tuesday, 13th Oct., 10—12, 1—3, and 4—6 p.m.	Tuesday, 30th March, 10—12, 1—3, and 4—6 p.m.
		Latin and Greek,	Thursday, 15th Oct., and following days at 11 a.m. (Orals.)	Thursday, 1st April, and following days at 11 a.m. (Orals.)
		Do. do.,	Friday, 16th Oct., 2—5 p.m. (Honours.)	Saturday, 27th March, 3—6 p.m. (Honours.)
		Logic,	Wednesday, 14th Oct., 10—1 and (Hon.) 2—5 p.m.	Wednesday, 31st March, 10—1 and (Hon.) 2—5 p.m.
		Moral Philosophy,	Thursday, 15th Oct., 10—1 and (Hon.) 2—5 p.m.	Thursday, 1st April, 10—1 and (Hon.) 2—5 p.m.
		English Literature,	Friday, 16th Oct., 10—1 p.m.	Saturday, 27th March, 10—1 p.m.
		Political Economy,	Saturday, 17th Oct., 10—1 p.m.	Friday, 26th March, 10—1 p.m.
		Hebrew,	Do., do., 10—1 and 2—5 p.m.	Fri., 26th March, 10—1 and 2—5 p.m.

When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

2.—GRADUATION IN SCIENCE.

The Scottish University Commissioners (1889) have ordained that two Degrees in Science may be conferred by each of the Universities of Scotland—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.). These degrees may be given in Pure Science and in Applied Science.

Degrees in Pure Science.

The following are the provisions of Ordinances No. 12[1] and No. 42 as they apply to this University :—

I. Two Degrees in Science may be conferred by the University of Glasgow—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.).

II. Every candidate for the Degree of Bachelor of Science must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for Degrees in Arts); and the conditions with respect thereto imposed by that ordinance (see pp. 145—152, 156) are applicable in all respects to candidates for the Degree of Bachelor of Science, except as follows :—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard[2]; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus, exempts from the Preliminary Examination.

III. (1) Candidates for the Degree of Bachelor of Science must, in the course of not less than three academical years, attend at least seven courses of instruction, in subjects prescribed for examination under Sections VIII. and IX. below.

(2) Three of these courses must be in subjects prescribed for the First Science Examination under Section VIII.; and four must be in subjects prescribed for the Final Science Examination under Section IX.

IV. (1) Four of the seven courses must be taken in this University.

(2) Three may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science: Provided that the fees for attendance at an approved Institution or under a recognized teacher in Glasgow shall not be less than the fees exigible for the corresponding courses in the University.

V. All candidates, not matriculated students of the University, availing themselves of the permission to attend lectures at approved Institutions or by recognized teachers in Glasgow, shall at the commencement of each year of such attendance enrol their names in a book to be kept for that purpose in the University, paying a fee of the same amount as the

[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 485-488, and the modifications made by Ordinance No. 42 were indicated, by means of square brackets, in the *University Calendar* for 1894-95.

[2] A student who, having passed the Arts Preliminary Examination in accordance with the provisions of Ordinance No. 11, has thereafter obtained a certificate of attendance on a qualifying class of Mathematics, shall not be required to pass any further examination in Mathematics as a condition of entering on the course of study for graduation in Science under the provisions of Ordinance No. 12. See Ordinance No. 44, Section V.

Matriculation Fee paid by students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; but two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of each Professor and Lecturer annually at the end of each winter session to submit to the Board of Studies a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Board of Studies shall transmit the schemes to the Faculty of Science, who shall submit them to the Senate with such observations as they may think fit to make thereon. The Senatus transmits such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science transmits such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless they shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

VIII. (1) There is a First Science Examination[1] in the three following subjects—viz., (1) Mathematics or Biology (*i.e.* Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects is the same as the examination in these subjects for the Ordinary Degree of Master of Arts.

(3) Candidates may present themselves in any one or more of these subjects at any examination held after they have attended a full course in the subject or subjects professed.

IX. (1) There is a Final Science Examination[1] on a higher standard in any three or more of the following subjects :—

1. Mathematics.
2. Natural Philosophy.
3. Astronomy.
4. Chemistry.
5. Human Anatomy, including Anthropology.
6. Physiology.
7. Geology, including Mineralogy.
8. Zoology, including Comparative Anatomy.
9. Botany, including Vegetable Physiology.

[1] This examination includes practical work in the subjects admitting of, or requiring it.

(2) The standard of this examination shall be as nearly as possible equivalent to that of the examination for the Degree of Master of Arts with Honours, where the subjects are different; and where the subjects are the same the examination shall be identical.

(3) A subject already taken under the preceding section for the First Science Examination may be taken also under this section for the Final Science Examination.

(4) Candidates presenting themselves for this examination must have attended four full courses of higher instruction, including practical or laboratory work, in the subjects professed, subject always to the provisions of Sections VI. and VII. hereof.

(5) The Final Science Examination shall be taken not less than one year after the candidate has passed the First Science Examination.

X. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint, and in every case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XI. A candidate for the degree of Bachelor of Science shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. It is competent to the Examiners for the degree of Bachelor of Science to report that a candidate has passed with special distinction in one or more of the subjects professed by him: and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

Degree in Applied Science.

XIII. Degrees in Applied Science may be instituted and conferred according to regulations to be laid down in special Ordinances applicable to each University by the Commissioners under the Universities (Scotland) Act, 1889; or after the expiry of their powers by the University Court in each University.

XIV. The provisions of Sections II. to VIII. of this Ordinance inclusive, in so far as they relate to the Preliminary and First Science Examinations, shall be applicable in all respects to degrees in Applied Science instituted as aforesaid, except where special provision is made to the contrary in the special Ordinances aforesaid.

Doctorate of Science.

XV. Graduates of any University who have held the degree of Bachelor of Science for a term of five years, may offer themselves for the degree of Doctor of Science in the same University.

XVI. A candidate for the Degree of Doctor of Science shall present a

thesis or a published memoir of work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration, signed by him, that the work has been done and the thesis composed by himself.

General.

XVII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in any of the Scottish Universities under regulations in force at the time in such University, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this ordinance, may become a candidate for the Degree of Bachelor of Science.

XVIII. The Degrees of Bachelor and Doctor of Science shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIX. This ordinance came into force on 1st October, 1892.

For Dates of Examinations, see Table on page 180.

Degrees in Science in Engineering.

The following are the provisions of Ordinance No. 23, Glasgow No. 2:—

I. Two Degrees in Science in Engineering may be conferred by the University of Glasgow, viz., Bachelor of Science in Engineering and Doctor of Science in Engineering.

II. Every candidate for the degree of Bachelor of Science in Engineering must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for degrees in Arts); and the conditions with respect thereto imposed by the said ordinance (see pp. 145—152, 156) are applicable in all respects to this ordinance except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, exempts from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. Candidates must in the course of not less than three academical years attend at least the nine courses of instruction prescribed under Section IX. below.

IV. (1) Five of the nine courses must be taken in this University. One of these courses must be a course in Engineering.

[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

(2) Four may be taken in other Universities or institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Engineering: Provided that the fees for attendance at an approved institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

V. It is competent to the University Court to admit to the examinations for the degree of Bachelor of Science in Engineering, and to graduation, any candidate who presents the diploma of the Glasgow and West of Scotland Technical College, and who has passed the Preliminary Examination hereinbefore appointed: Provided that before such candidate shall be admitted to the Final Science Examination prescribed under Section XI. hereof:—

(1) He shall, after having received the said diploma, have attended in this University at least three full courses, during at least one academical year; and of these courses one at least shall be in Engineering.

(2) He shall, after having received the said diploma, have attended in this University such courses as will, along with the classes taken at the said College for the said diploma, be equivalent to the whole courses for the curriculum hereinafter instituted.

VI. The University Court may make regulations to enable candidates not matriculated students of the University availing themselves of the permission to attend Lectures at approved institutions or by recognized teachers in Glasgow, to obtain on payment of a fee not exceeding in amount the Matriculation Fee paid by the students of the University, a right to the use of the Library of the University.

VII. (1) The Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) The Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; and two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VIII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or

teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow.

IX. The subjects of study shall be as follows:—

1. Mathematics, including Analytical Geometry, and Differential and Integral Calculus.
2. Natural Philosophy, including Applied Higher Mathematics.
3. Chemistry.
4. A course in the Physical Laboratory, or in the Chemical Laboratory, or of Practical Chemistry.

and either:—

5, 6. Two courses in Engineering, including Laboratory Practice.
7, 8. Two courses of practical work in Drawing.
9. A course in one of the following:—
   (*a*) Astronomy and Geodesy.
   (*b*) Geology and Mineralogy.
   (*c*) Naval Architecture.
   (*d*) Engineering Laboratory, Mechanical or Electrical (Special Course).
   (*e*) Electricity—Pure and Applied.

or:—

5, 6. Two courses in Naval Architecture with Marine Engineering.
7, 8. Two courses of practical work in Ship and Engineering Drawing.
9. A course in Engineering, including Laboratory Practice.

Provided that during the three years immediately subsequent to the date on which this ordinance shall come into force, the courses in Engineering herein prescribed shall not necessarily include Laboratory Practice.

X. (1) There shall be a First Science Examination[1] in subjects 1, 2, 3, and 4 of the section immediately preceding.

(2) The examination in (1) Mathematics and (2) Natural Philosophy shall include the higher branches of Mathematics specified under Mathematics and the higher Mathematics included under Natural Philosophy in the section immediately preceding; but it shall be optional to candidates to pass the same examination in either or both of these subjects as that required for the Ordinary Degree of Master of Arts: Provided that in that case they shall be required before graduation to pass a subsequent examination in the remainder of the subject or subjects.

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

XI. (1) There shall be a Final Science Examination[1] in subjects 5, 6, 7, 8, and 9 of Section IX. hereof; and, if required, in the higher branches of Mathematics as provided in Section X., Sub-section 2 hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the First Science Examination and have attended the required courses in the subject or subjects professed: Provided that for this purpose subjects 5, 6, 7, and 8, specified in Section IX. hereof, shall be deemed one subject.

[1] This examination includes practical work in the subjects admitting of, or requiring it: Provided that, in the case of Engineering Students, a practical examination shall be passed in Chemistry or Physics according as the Chemical or the Physical Laboratory Course has been chosen as part of the qualifying curriculum.

XII. A candidate for the degree of Bachelor of Science in Engineering shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XIII. It is competent to the Examiners for the degree of Bachelor of Science in Engineering to report that a candidate has passed with special distinction in one or more of the subjects professed by him; and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

XIV. It is competent to the University Court of the University of Glasgow to modify from time to time the provisions as to curriculum hereinbefore contained, in case such modification shall be rendered desirable by the development of Engineering Science, or in consequence of further provisions having been made within or without the University for the study of any special branch of the said Science: Provided that in no case shall the number of full courses of study required be less than the number required for the Degree of Bachelor of Science in Pure Science, as specified in Ordinance No. 12.

Doctorate of Science in Engineering.

XV. Graduates of the University of Glasgow who have held the degree of Bachelor of Science in Engineering for a term of five years, may offer themselves for the degree of Doctor of Science in Engineering in the said University.

XVI. A candidate for the degree of Doctor of Science in Engineering shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, or of important engineering work designed by himself, and actually carried out, and shall be accompanied by a declaration, signed by him, that these conditions have been satisfied.

General.

XVII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this ordinance, and who have passed the necessary examinations, shall be entitled to receive the degrees of Bachelor of Science in Engineering and Doctor of Science in Engineering, as the case may be, on payment of the fees required.

XVIII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in Engineering in the University of Glasgow, under regulations in force at the time therein, and shall thereafter complete his course of study and pass the necessary examinations

in conformity with such regulations,[1] or with the provisions of this Ordinance, may become a candidate for the degree of Bachelor of Science in Engineering.

XIX. The degrees of Bachelor and Doctor of Science in Engineering shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum.*

XX. This Ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

For Dates of Examinations, see Table on page 180.

Degrees in Science in Agriculture.

The regulations for the Degree of Bachelor of Science in Agriculture are contained in Ordinance No. 134 of the Universities Commission (1889), and are as follows:—

I. A degree of Bachelor of Science in Agriculture may be conferred by the University of Glasgow.

II. Every candidate for the degree of Bachelor of Science in Agriculture must pass the Preliminary Examination prescribed by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts]; and the conditions with respect thereto imposed by the said Ordinance shall be applicable in all respects to this Ordinance, except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics shall be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, shall exempt from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. (1) Candidates must in the course of not less than three Academical years, within the meaning of the Ordinance hereinbefore first mentioned, attend at least twelve courses of instruction, in the subjects specified in Section VIII. of this Ordinance.

(2) It shall be the duty of the Senatus to determine from time to time which of the said courses shall be full courses and which shall be half courses respectively, and also to determine the number of meetings of which such full courses and half courses respectively shall consist, and to report its determination to the University Court for its approval.

IV. (1) Five full courses or their equivalent (counting two half courses as one full course) must be taken in the University of Glasgow. The course in Agriculture and Rural Economy must also be taken in the University of Glasgow, if instruction in the said subjects be pro-

[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

vided in the University, or in the Glasgow and West of Scotland Technical College: Provided always that that course in the said College shall be accepted as equivalent to a course in the University, subject to the following conditions:—

(*a*) The Senatus Academicus shall be represented on the governing body of the Technical College.

(*b*) All future appointments to the Chair of Agriculture in the Technical College shall be vested in a Joint Committee, consisting of three members of the University Court and of three members of the governing body of the Technical College.

(2) The remainder of the said courses may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Agriculture: Provided that the fees for attendance at an approved Institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

(3) Residence and practical work at a farm shall be required of each candidate to such an extent and under such regulations as the Senatus, with the approval of the University Court, may from time to time appoint.

V. All students availing themselves of the permission to attend the lectures of the teachers in the various departments of Agriculture in the Glasgow and West of Scotland Technical College, or of teachers in other approved institutions in Glasgow, or of other recognized teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the matriculation fee paid by the students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(2) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Faculty of Science for its consideration a syllabus of the subjects and books proposed for the work of their classes during the next Academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the immediately preceding section shall not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow, where such exist.

VIII. The subjects of study shall be as follows:—

1. Mathematics or Biology (*i.e.*, Zoology and Botany.
2. Natural Philosophy.
3. Chemistry.
4. Agriculture and Rural Economy.
5. Agricultural Chemistry.
6. Geology.
7. Veterinary Hygiene.
8. Agricultural Botany.
9. Agricultural Entomology.
10. Economic Science as applied to Agriculture.
11. A course in one of the following:—
    (*a*) Forestry.
    (*b*) Experimental Physics.
    (*c*) Engineering.
12. Engineering Field Work.

IX. (1) There shall be a First Science Examination in the three following subjects—viz., (1) Mathematics or Biology (*i.e.*, Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects shall be the same as the examination in these subjects for the degree of Bachelor of Science, under the provisions of Ordinance No. 12 [General, No. 7—Regulations for Degrees in Science].

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

X. (1) There shall be a Final Science Examination in the remaining subjects (4 to 12 inclusive) specified in Section VIII. hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the whole of the subjects comprised in the First Science Examination, and have attended the required courses in the subjects professed.

XI. A candidate for the degree of Bachelor of Science in Agriculture shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing, not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. The Examiners for the degree of Bachelor of Science in Agriculture shall be the Professors of the subjects in the Curriculum in the University of Glasgow, the Professor of Agriculture in the Glasgow and West of Scotland Technical College, and such additional Examiners as the University Court shall see fit to appoint.

General.

XIII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the degree of Bachelor of Science in Agriculture, on payment of the fees required.

XIV. The degree of Bachelor of Science in Agriculture shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causâ tantum*.

XV. This ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

CERTIFICATE OF PROFICIENCY IN ENGINEERING SCIENCE.

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

There is no fixed order in which the classes must be taken, but the following is the usual course.

FIRST YEAR—

Inorganic Chemistry, 5 days weekly, beginning in Oct., 10 A.M.

(*Chemical Laboratory may be taken in this or any other year, Winter or Summer Session, if selected as part of the course. See below :— Third Year.*)

Mathematics,[1] First or Second Class, 5 days weekly, - - - - - - - - 9 A.M. or 12 noon.

Engineering, Class I., Mondays, Wednesdays, and Fridays, - - - - - - - - 8 A.M.

Engineering Drawing and Calculations.

SECOND YEAR—

Natural Philosophy, 5 days weekly, - - - 9 A.M.

Mathematics, either Second or Intermediate Honours Class, 5 days weekly, - 9 A.M. or 12 noon, or 10 A.M.

Geology and Mineralogy, 5 days weekly, beginning in January, - - - - - 5.30 P.M.

Engineering, Class II. or III., Tuesdays, Thursdays, and Saturdays (in this or other year), 8 A.M.

Engineering Drawing and Calculations.

THIRD YEAR—

Intermediate Honours Mathematics, if not previously attended, 5 days weekly, - - - 10 A.M.

Physical Laboratory, about 2 hours on 3 days weekly, or Chemical Laboratory, 5 days weekly ; or the Chemical Laboratory can be attended in any year in summer instead.

Engineering, Class IV., 5 days weekly, - - 9 A.M.

No candidate is admitted to the special examination for the certificate, in any department, till he has attended the prescribed course of study in that department.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, or Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate ; but all examinations for the certificate must be passed in this University.

Candidates for Certificates of Proficiency in Engineering Science, who are graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy.

[1] Students who, on entering the University, show themselves qualified to enter the Third Mathematical Class, by passing the mathematical part of the Preliminary Examination in Arts, are not required to attend the First or the Second Class of Mathematics.

Table of Examinations for Degree of B.Sc., to be held during Session 1896-97.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set. The Oral Examinations in Science follow immediately after the Written.
17th Sept., 1896	£1 1s. for each subject until £5 5s. shall have been paid.	Sat., 3rd Oct., Astronomy, - - - - 10—12 noon. Geology, - - - 1—3 p.m. Mon., 5th ,, Chemistry, - - - - 10—12 noon. Zoology, - - - 12.30—2.30 p.m. Botany, - - - 3—5 p.m. Tues., 6th ,, Engineering Drawing, etc., 10—12 noon. Naval Architecture, 12.30—2.30 p.m. Ship Drawing, etc., 3—5 p.m. Tues., 6th ,, Anatomy, - - - - 10—12 noon. Physiology, - - 12.30—2.30 p.m. Wed., 7th ,, Civil Engineering, - - 10—12 noon, and 2—5 p.m. Thur., 8th ,, Civil Engineering, - - 10—12 noon, and 2—5 p.m. Fri., 9th ,, Mathematics, - - 10—1 p.m., and 2—5 p.m. Sat., 10th ,, Natural Philosophy, - - 10—1 p.m., and 2—5 p.m.
3rd Mar., 1897		Sat., 20th Mar., Astronomy, - - - - 10—12 noon. Geology, - - - 1—3 p.m. Mon., 22nd ,, Chemistry, - - - - 10—12 noon. Zoology, - - - 12.30—2.30 p.m. Botany, - - - 3—5 p.m. Tues., 23rd ,, Engineering Drawing, etc., 10—12 noon. Naval Architecture, 12.30—2.30 p.m. Ship Drawing, etc., 3—5 p.m. Tues., 23rd ,, Anatomy, - - - - 10—12 noon. Physiology, - - 12.30—2.30 p.m. Wed., 24th ,, Civil Engineering, - - 10—12 noon, and 2—5 p.m. Thur., 25th ,, Civil Engineering, - - 10—12 noon, and 2—5 p.m. Fri., 2nd April, Mathematics, - - 10—1 p.m., and 2—5 p.m. Sat., 3rd ,, Natural Philosophy, - - 10—1 p.m., and 2—5 p.m.

[1] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

For Dates in regard to Science Preliminary Examination see page 151.

3.—HIGHER DEGREES IN ARTS AND SCIENCE.

In Ordinance No. 62, issued on 15th February, 1895, the Universities Commission made the following regulations for Higher Degrees in Arts and Science :—

Degree of D.Sc.

I. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mathematics and Natural Philosophy under the conditions prescribed by Ordinance No. 11 (Regulations for degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Science (D.Sc.) in the same University after the expiry of five years from the date of their graduation in Arts, under the same conditions as if they held the degree of Bachelor of Science.

II. Research Students within the meaning of Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research and for the appointment of Research Fellows), may offer themselves for the degree of Doctor of Science of the University in which they have prosecuted some special study or research under that ordinance, although they have not taken the degree of Bachelor of Science or the degree of Master of Arts with Honours as aforesaid, in that University : Provided—

(1) That they hold the degree of Bachelor of Science or Bachelor of Medicine of a Scottish or any recognized University, or a degree of any such University, which the Senatus Academicus shall hold to be equivalent to the degree of Bachelor of Science or to the degree of Master of Arts with first or second class honours in Mathematics and Natural Philosophy : Provided that candidates who hold any such degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Science, to pass an examination equivalent to an Honours or to a Final Science Examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and that they produce evidence of satisfactory progress in the special study or research undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

III. All candidates for the degree of Doctor of Science shall present a thesis or a published memoir or work, to be approved by the Senatus on the recommendation of the Faculty of Science : Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination conducted orally or practically, or by written papers, or by all of these methods, on the subjects of his special study or of his

thesis, as may from time to time be determined. The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by him that the work has been done and the thesis composed by himself.

Degree of D.Phil.

IV. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Philosophy (D. Phil.) in the same University after the expiry of five years from the date of such graduation.

V. Research Students as aforesaid may offer themselves for the degree of Doctor of Philosophy of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University: Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid: Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students, with a view to the degree of Doctor of Philosophy, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

VI. All candidates for the degree of Doctor of Philosophy shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus: Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

Degree of D.Litt.

VII. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in any group other than Mathematics and Natural Philosophy or Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Letters (D.Litt.) in the same University after the expiry of five years from the date of such graduation.

VIII. Research Students as aforesaid may offer themselves for the degree of Doctor of Letters of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the Appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University : Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in any group except Mathematics and Natural Philosophy or Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid : Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Letters, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

IX. All candidates for the degree of Doctor of Letters shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a committee appointed by the Senatus : Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

General.

X. The Senatus Academicus in each University shall appoint such Professors or Lecturers as it may think suitable to conduct the examination of candidates who may offer themselves under the provisions either of Ordinance No. 12 (Regulations for Degrees in Science) or of this ordinance, for the degree of Doctor of Science, Doctor of Philosophy, or Doctor of Letters; and the University Court shall, after consultation with the Senatus Academicus, appoint an additional Examiner to act along with them. Such additional Examiner shall be a person of recognized eminence in the subject of the thesis, or memoir, or work which is to be submitted for approval. The result of the examination shall be reported to the appropriate Faculty or Committee of Senatus.

XI. The Degrees of Doctor of Science in Mental Science or Doctor of Science in Philology shall no longer be conferred by any Scottish University.

XII. Candidates who have already completed the necessary attendance on classes required for the degree of Doctor of Science in Mental Science or Doctor of Science in Philology, under regulations hitherto in force in any Scottish University, may proceed to the degree of Doctor of Philosophy, or of Doctor of Letters, as the case may be, under this ordinance: Provided such candidates comply with the provisions of Section VI. or Section IX. hereof, as the case may be, and that a period of not less than five years shall have elapsed from the date of their graduation as Masters of Arts.

XIII. The degrees of Doctor of Science, Doctor of Philosophy, and Doctor of Letters shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIV. The fee to be paid for the degree of Doctor of Philosophy shall be ten guineas.

XV. The fee to be paid for the degree of Doctor of Letters shall be ten guineas.

4. GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognized by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began his medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[1] or after that date. All others must fulfil the requirements of the new ordinance—(Ordinance No. 14, Glasgow No. 1—Regulations for Degrees in Medicine)—the principal provisions of which are as follows:—

I. Four degrees in Medicine and Surgery are conferred by the Uni-

[1] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

versity of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student must pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German: Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.[1]

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination; and that the papers set in French and German shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The papers set in English (i.) in October, 1896, shall be of a lower standard than the papers set in this subject in the Arts and Science Preliminary Examination; (ii.) in and after April, 1897, the papers set in English shall no longer be of the same character as the paper on English in the Arts and Science Preliminary Examination; no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and

[1] The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 1 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Assistant-Clerk (Matriculation Office, University), a certificate of having passed the Preliminary Examination.

general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory. In October, 1896, alternative papers will be set in English, one on the lines laid down in paragraph (i.), and the other on the lines laid down in paragraph (ii.), and candidates may select whichever they prefer.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Excellence in one or more subjects will be permitted to compensate in some measure for deficiency in any of the other subjects. Such excellence may be shown either by attaining a high percentage of marks on the lower standard, or by passing on the higher standard.

Candidates who, having taken English, Latin, Greek, Mathematics, or a Modern Language, on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects: Provided that all the subjects required by the regulations of the General Medical Council are taken at the same time.

For subjects of examination see regulations for English, Latin (lower standard), Greek (lower standard), Mathematics (lower standard), French, and German, under Arts and Science Preliminary Examination, see pp. 146—148.

V. The Preliminary Examination is conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examinations), and, subject to the provisions of the immediately succeeding section hereof, the entire examination must be passed at one and the same time.

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.

The Joint-Board have issued the following rules under the heading—Examinations accepted as exempting from the Preliminary Examination in Medicine: Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with:—

1. In terms of the Medical Ordinances, "a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination."

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificates of the Scotch Education Department, or partly at the

University Examination, and partly through the Leaving Certificates, shall be held to have passed the Preliminary Examination for Medicine: Provided that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognized for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who has obtained the Leaving Certificate (Honours or Higher Grade) of the Scotch Education Department in any subject recognized for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one and the same time shall not be held to apply to any of the above cases, 2, 3, and 4. But candidates complying with these Rules (2, 3, and 4) must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

5. Lower Grade Leaving Certificates of the Scotch Education Department will only be accepted as exempting from the Medical Preliminary Examination, provided the examinations in all the requisite subjects have been taken and passed at one and the same time.

6. The following English and Irish University Examinations will be accepted (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions—provided the candidate pass the examination of the Joint-Board in English; Moderations.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. After Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD Senior Local Examinations will be accepted *pro tanto*, provided that, as regards English, the certificate shall bear that the candidate has passed in division 1 of the subject, and in either division 3, 4, or 5.

OXFORD Higher Examination for Women will be accepted *pro tanto*.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*.

CAMBRIDGE Higher Local Examinations will be accepted *pro tanto*.

Oxford and Cambridge Schools Examination Higher Certificate will be accepted *pro tanto*, provided that, as regards Mathematics, the certificate shall bear that the candidate has passed in both Elementary and Additional Mathematics; the Lower Certificate will be accepted *pro tanto* only till October, 1897, inclusive.

London University Matriculation Examination.

Dublin, Trinity College.—Public Entrance Examination.

Royal University of Ireland.—Matriculation Examination.

Victoria University.—Preliminary Examination; Entrance Examination in Arts.

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination.

7. The examinations of the following Indian, Colonial, and Foreign Universities and Colleges will be accepted (provided the examinations include all the subjects required by the General Medical Council and prescribed by Section III. of this ordinance), viz.:—

University of (1) Calcutta, (2) Madras, and (3) Bombay.—Entrance Examination (Certificate to include Latin).

Universities of (1) The Cape of Good Hope.—Matriculation Examination; (2) Tasmania.—Matriculation Examination; (3) New Zealand.—Matriculation and Medical Preliminary Examinations; (4) Melbourne.—Matriculation Examination; (5) Sydney.—Matriculation Examination; (6) Adelaide.—Matriculation Examination, or its substitute, the Senior or Junior Public Examination.

The Provincial Education Department of Ontario.—Departmental Pass Arts Matriculation Examination.

Trinity University, Toronto.—Matriculation Examination.

The University of Toronto.—Senior or Junior Matriculation Examination.

Queen's College and University, Kingston.—Matriculation Examination.

M'Gill University.—Matriculation Examination.

King's College, Windsor, Nova Scotia.—Responsions.

Dalhousie College, Halifax.—Matriculation Examination.

Mount Allison College, Sackville, New Brunswick.—Matriculation Examination.

The University of Winnipeg.—Preliminary Examination in Arts.

Victoria College, Upper Canada.—Matriculation Examination.

The University of Halifax, Nova Scotia.—Matriculation Examination.

The University of Fredericton, New Brunswick.—Matriculation Examination.

The Western University of Ontario.—Matriculation Examination.

The University of Manitoba.—Previous Examination.

CODRINGTON COLLEGE (BARBADOES).—English Certificate for Students of two years' standing, and Latin Certificate, or "Testamur."

GERMANY AND OTHER CONTINENTAL COUNTRIES.—Gymnasial Abiturienten-Examen, and corresponding Entrance Examinations to the Universities.

8. In the case of candidates for the Medical Preliminary Examination, who hold qualifications from Foreign or Colonial Bodies, other than Universities, whose certificates are not included in the list of Equivalent Examinations issued by the Joint-Board, a committee in each University, consisting of the Deans of the Faculties of Arts, Science, and Medicine, are empowered to accept such certificates, if it deems them sufficient, provided that all such cases are reported to the Joint-Board at their meeting next following.

PROFESSIONAL EDUCATION.

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions:—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognized for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz.:—

1. ANATOMY,[1]	During a course of not less than five months.
2. PRACTICAL ANATOMY,	During two courses of not less than five months each.
3. CHEMISTRY,	During courses of not less than five months.
4. MATERIA MEDICA and THERAPEUTICS,	
5. PHYSIOLOGY or INSTITUTES OF MEDICINE,	
6. PRACTICE OF MEDICINE,	
7. SURGERY,[1]	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months,	
9. PATHOLOGY,	

[1] Students are recommended to take Junior Anatomy in their first winter and to defer taking Systematic Surgery till their third winter.

10. Practical Chemistry, - - - - -
11. Physics (including the Dynamics of Solids, Liquids, and Gases, and the Rudiments of Sound, Heat, Light, and Electricity),
12. Elementary Botany, - - - - -
13. Elementary Zoology, - - - - -
14. Practical Physiology, - - - - -
15. Practical Pathology, - - - - -
16. Medical Jurisprudence and Public Health,

} During courses of not less than two and a half months.

Provided always, in so far as regards the University of Glasgow, that—

(*a*) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course ; and to report the determination to the University Court for its approval.[1]

(*b*) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.[1]

(*c*) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognized for the purpose by the University Court.[2]

6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognized as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

[1] The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. See Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.

[2] On 7th October, 1892, the University Court recognized every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, *and possesses a distinct staff of physicians and surgeons.*

7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognized as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.

   Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognized teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.
9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognized School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognized by the Pharmaceutical Society, *i.e.* in *the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*[1]
10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary, *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

    Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

    A. Each candidate for M.B. and Ch.B. shall be required to attend—

       1. Demonstrations in the *post-mortem* room of a recognized hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.

[1] The explanatory words in italics are taken from Ordinance No. 54, Section II., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.

3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be class-room lectures, and the others shall be for clinical instruction in the wards of a recognized hospital, or in the wards of a hospital and in a dispensary both recognized for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(*a*) Diseases of Children, (*b*) Diseases of the Ear, (*c*) Diseases of the Throat and Nose, and (*d*) Diseases of the Skin, in short practical courses of ten meetings.

N.B.—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorized by the proper Government Authority to grant Certificates of Proficiency in Vaccination.[1]

13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect:—

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., Sub-section 2.

2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognized for the purpose by the University Court, or in such medical schools or under such teachers as may be recog-

[1] The recognized Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

nized for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., Sub-section 2.

3. Of the subjects of study specified in Section VII., Sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognized for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognized for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such medical schools or under such teachers as may be recognized for the purpose by the University Court.
5. All candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.
6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognized Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognize as qualifying for examination in any of the subjects specified in Section VII., Sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognized under Sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.
8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., Sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.[1]

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*[2]

Professional Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.[3]

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

[1] Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

[2] The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[3] For Table of Fees and Dates of Examinations, see page 199.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognized for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects: Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus. [1]

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division, when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to

[1] The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.[1]

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they commenced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[2] or after that date.

PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and

[1] For Table of Fees and Dates of Examination, see page 199.

[2] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, *may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*[1]

Professional Examination for Degree of Master of Surgery.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:— Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical

[1] Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

3. Each candidate for the Degree of Master of Surgery shall submit, for the approval of the Faculty of Medicine, a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

Fees.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

Examiners.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided that the Court shall make such provisions as will

Table of Examinations for Degrees in Medicine to be held during Session 1896-97.

Fees	Names to be given in and Fees paid to Assistant-Clerk [1] (Matriculation Office). Date.[2]	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant-Clerk [1] (Matriculation Office). The Professional Oral Examinations follow immediately after the Written.
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	17th September, 1896,	Mon., 5th Oct., 1896, Chemistry - - 10—12 noon. Zoology - - 12.30—2.30 p.m. Botany - 3—5 p.m. Tues., 6th ,, ,, Physics - - 10—12 noon. Tues., 6th ,, ,, Anatomy - - 10—12 noon. Physiology - 12.30—2.30p.m. Mat. Med. and Therap. 3—5 p.m. Wed., 7th ,, ,, Reg. Anat. (O.R.) 10—12 noon. Med. Jurisp. (N.R.) - 12.30—2.30 p.m. Pathology 3—5 p.m.
	3rd March, 1897,	Mon., 22nd Mar., 1897, Chemistry - - 10—12 noon. Zoology - - 12.30—2.30 p.m. Botany - 3—5 p.m. Tues., 23rd ,, ,, Physics - - 10—12 noon. Tues., 23rd ,, ,, Anatomy - - 10—12 noon. Physiology - 12.30—2.30p.m. Mat. Med. and Therap. 3—5 p.m. Wed., 24th ,, ,, Reg. Anat. (O.R.) 10—12 noon. Med. Jurisp. (N.R.) - 12.30—2.30 p.m. Pathology 3—5 p.m.
	11th May, 1897,	Mon., 7th June (*Clinical Examinations begin*). Fri., 2nd July (*Operative Surgery Examination begins*). Mon., 5th July, ,, Medical Jurisp. (O.R.) at 1 p.m. Tues., 6th ,, ,, Practice of Medicine at 10 a.m. Pathology (O.R.) - at 1 p.m. Wed., 7th ,, ,, Surgery - - - at 10 a.m. Midwifery - - at 1 p.m. The Oral Examinations will begin about the 8th July.

[1] For Women Students, Miss Galloway, Queen Margaret College.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.

For Dates in regard to Medical Preliminary Examination, see page 151.

ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

DIPLOMA IN PUBLIC HEALTH.

The following are the regulations as to instruction in Public Health and as to examinations for the Diploma in Public Health :—

I. The University provides instruction in Public Health by Laboratory training and otherwise.

II. The subjects of instruction are :—
Duties of Health Officer, Air and Ventilation, Food and its Adulterations, Water and Water Supply, Sewerage and Drainage ; Construction of Hospitals, Public Buildings, and Dwellings ; Overcrowding, Manufactories, Insalubrious Trades, Cemeteries, Nuisances, Quarantine, Disinfectants and Deodorizers, Outbreaks of Zymotic Diseases ; Climate, Topographical and Seasonal : its influences in relation to Health and Disease ; Geographical Distribution of Diseases ; Knowledge of leading Sanitary Acts of Parliament, Vital Statistics.

III. The Laboratory training is provided in a special department of the Chemical Laboratory. Practical instruction is given in the following subjects :—

(*a*) *Water.*—Qualitative examination : Colour, odour, and suspended matters. Quantitative examination : ammonia, albuminoid ammonia, nitric and nitrous acids, sulphuric and phosphoric acids, chlorine, total solids, lime, magnesia, alkalies, silica in solution, the hardness before and after boiling ; Clark's process for softening water ; explanations and illustrations of methods employed to purify water by chemical processes and by filtration.

(*b*) *Air.*—Qualitative and quantitative examination for gaseous impurities and suspended matters.

(*c*) *Water and Air.*—Bacteriological methods of examination. Micro-organisms, moulds, and fungi, and their identification. Pure cultures.

(*d*) *Soils.*—Nature and examination of soils ; ground-water, sewage.

(*e*) *Antiseptics and Disinfection.*—The relative value of various antiseptics and disinfectants and the methods of employing them.

(*f*) *Foods.*—Quantitative examination of milk, butter, tea, coffee, sugar, alcoholic beverages, aerated waters for

poisonous substances. Qualitative examination of bread and flour, of cereal, farinaceous, and other food substances and condiments; chemical and microscopic examination for common adulterations, colouring matters, animal organisms, and poisonous substances; examination of food substances for fungoid growths, and poisonous substances resulting from the same.

(*g*) *Diseases of Animals.*—The Pathology of Diseases of Animals transmissible to Man.

IV. The Diploma in Public Health may be obtained by any Bachelor of Medicine of this University on his passing the required examination, provided that a period of not less than twelve months shall have elapsed between his taking the Degree of M.B. and his admission to the examination or any part thereof.

V. Every candidate for a Diploma in Public Health shall give sufficient evidence by certificates:—

1. That after obtaining the Degree of M.B. he has attended during six months practical instruction in a Laboratory or Laboratories, approved of by the University, in which Chemistry, Bacteriology, and the Pathology of the Diseases of Animals transmissible to Man are taught.
2. That he has, during a period of six months, after obtaining the Degree of M.B., either practically studied the duties of out-door Sanitary work under the Medical Officer[1] of Health of a County or large Urban District, or else has himself held an appointment as Medical Officer of Health under conditions not requiring the possession of a Special Sanitary Diploma.
3. That he has attended the Clinical Practice of a Hospital for Infectious Diseases recognized by the University, provided that such a course of instruction may have been taken as part of the curriculum for his Degree of M.B.

VI. The examination shall be conducted by Examiners specially qualified; it shall be written, practical, and oral; and shall extend over not less than four days, one of which shall be devoted to practical work in a Laboratory, and one to practical examination in, and reporting on, subjects which fall within the special out-door duties of a Medical Officer of Health.

[1] The certificate of an Assistant Officer of Health of a County or a large Urban District may be accepted, provided the Medical Officer of Health of the County or District consents to the Assistant Officer giving such instruction.

The subjects of examination are as follows :—

A. Physics, Meteorology, and Climatology, with special reference to Heat and Ventilation, Water Supply, Drainage, and the Geographical distribution of Disease.

B. Chemistry and Biology.—The composition and analysis (qualitative and quantitative) of Air, Water, and Sewage; detection of Poisons and recognition of Injurious Pigments; the composition and adulteration of Foods and Beverages; Diseased and Putrid Food; Bacteriology; microscopic examination of Air, Water, Foods, and Beverages.

C. General Hygiene—Duties of Medical Officer of Health; Nature and Construction of Dietaries; Sanitary Arrangements of Houses, Hospitals, Workshops, Factories, Towns, including Interpretation of Plans; Ventilation, Water Supply, Sewerage, Disposal of the Dead; Ætiology, Prophylaxis, and Control of Infectious Diseases; Unhealthy Occupations; Practical Examination and Written Report on some selected Area or Premises.

D. Sanitary Law and Vital Statistics.—Laws relating to Public Health, Vaccination, and Registration of births, marriages, and deaths; Methods and Results of Vital Statistics, chiefly in relation to the birth, marriage, and death rate of communities.

VII. The fee for the course of instruction shall be £10 10s. and for the examination £5 5s.

GRADUATION.

The terms for conferring Medical and Surgical Degrees in session 1896-97 are 5th November, 1896; 4th February, 1897; 13th April, 1897; and 22nd July, 1897.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act, 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of graduation.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath[1] formerly required to be taken and subscribed by every candidate on graduation :—

[1] *The Oath was in these words* :—Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum: nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum: In quascumque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum: Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 1 George Square, Edinburgh. Fee £5. Additional qualifications, 5s. each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

5.—GRADUATION IN LAW.

Two Degrees in Law are conferred, after examination, by the University of Glasgow, viz., Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

By regulation of the Faculty of Advocates, any one who has obtained the Degree of LL.B. from a Scottish University is held qualified in General Scholarship and Law with a view to admission to the Bar, without examination or other evidence of such qualification.

By the Law Agents Act, 36 and 37 Vict., c. 63, the holder of a degree in Law or in Arts of a University in Great Britain or Ireland, granted after examination, is qualified to apply for admission as a Law Agent after an apprenticeship of three years, instead of five, as required in the ordinary case; and by Act of Sederunt of 20th July, 1878, any applicant who holds the Degree of LL.B. or of B.L. of any Scottish University is exempted from any examination in Law before the Examiners of Law Agents, excepting only on forms of Process, Civil and Criminal, and a similar provision is contained in the Act of Sederunt of 18th March, 1893.

Degree of LL.B.

The following are the provisions of Ordinance No. 39, General No. 11, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law:—

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of one of the Universities of the United Kingdom; or of any Foreign or Colonial University specially recognized for the purpose by the University Court.

II. The course of study in Law for the Degree of Bachelor of Laws shall include the following subjects:—

(1) Jurisprudence, General or Comparative, during a course of not less than forty lectures.

(2) The Law of Nations or Public International Law, during a course of not less than forty lectures.

(3) Civil Law during a course of not less than eighty lectures.

(4) Law of Scotland, or Law of England, during a course of not less than eighty lectures.

(5) Constitutional Law and History, during a course of not less than eighty lectures.

(6) Conveyancing, during a course of not less than eighty lectures: or Political Economy, or Mercantile Law, during a course of not less than eighty lectures.

(7) Any two of the following subjects, namely:—International Private Law, Political Economy, Administrative Law, and Forensic Medicine; in each case during a course of not less than forty lectures.

III. (1) The course of study necessary for the Degree of Bachelor of Laws shall extend over three academical years, one of which at least must be spent in the University in which the candidate intends to graduate, the other two may have been spent in any other University or School of Law specially recognized by the University Court.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

IV. Candidates must undergo examination in the subjects prescribed in Section II. hereof; and they must pass at one examination in at least two of these subjects. Before presenting themselves in any subject the candidates must have attended the requisite course of instruction in such subject. Candidates who have passed an examination for another degree in any of the said prescribed subjects in the same University may be exempted from examination in such subject or subjects, provided that the Examiners are satisfied that the previous examination in such subject or subjects has been passed on a sufficiently high standard.

V. Every candidate for the Degree of Bachelor of Laws shall be examined both orally and in writing on each of the subjects in the course of study above prescribed in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Laws a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of or Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to

graduation as Bachelor of Laws in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Laws without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Degree of B.L.

The following are the provisions of Ordinance No. 40, General No. 12, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law.

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) unless he be a graduate in Arts of one of the Universities of the United Kingdom, or of any Foreign or Colonial University specially recognized for the purpose by the University Court; or until he shall have passed—

A. The Preliminary Examination in the Faculty of Arts, or its equivalent, as specified in Ordinance No. 11 (General No. 6.—Regulations for Degrees in Arts); and

B. An Examination in one of the Scottish Universities, to be conducted by the Examiners in Arts, in the following subjects, on the standard of examination for the Ordinary Degree of Master of Arts:—

(1) Logic and Psychology; or, in the option of the candidate, Moral Philosophy.

(2) Latin.

(3) One additional Arts subject, not being one of those which belong also to the Faculty of Law.

And he must have studied at least one of these subjects in a full course in a Scottish University, or an equivalent course in another University approved by the University Court.

II. The course of study in Law necessary for the Degree of Bachelor of Law shall include the following subjects:—

1. Civil Law, during a course of not less than eighty lectures; or a half course in Civil Law where in any University a full course is not available: Provided that in the latter case, candidates who are not already graduates in Arts shall be required to take in addition a course in such subject in Arts as may be sanctioned by the Senatus Academicus, or a half course in one or other of the following branches of Law:—

(*a*) Jurisprudence, General or Comparative.
(*b*) The Law of Nations, or Public International Law.
(*c*) Constitutional Law and History.
(*d*) International Private Law.
(*e*) Mercantile Law.
(*f*) Administrative Law.

2. Law of Scotland, during a course of not less than eighty lectures.

3. Conveyancing, during a course of not less than eighty lectures.

4. Forensic Medicine during a course of not less than forty meetings of the class; or, in the option of the candidate, a half course in one of the branches of Law specified in Sub-section 1 of this section if not already taken.

III. (1) The course of study in Law necessary for the Degree of Bachelor of Law shall extend over two academical years.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

(3) The candidate may prosecute his studies during the prescribed two years in one Scottish University, or in different Scottish Universities, or in a Scottish University and a University or School of Law specially recognized by the University Court; but one at least of these years must have been spent, and all the examinations in the subjects mentioned in the preceding section must have been passed, at the University in which he intends to graduate.

IV. The candidate for the Degree of Bachelor of Law must undergo examination and pass in the four or more subjects selected by him; but he may present himself for examination in one subject or group of subjects at a time, provided that he has completed the course of study for such subject or group of subjects, and provided also that in that case a higher standard of proficiency shall be exacted.

V. Every candidate for the Degree of Bachelor of Law shall be examined, both orally and in writing, on each of the subjects in the course of study above prescribed, in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Law a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of and Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examinations shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to graduation as a Bachelor of Law in any Scottish University under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Law without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

REGULATIONS APPLICABLE TO ALL WHO BEGAN THEIR COURSE WITH A VIEW TO GRADUATION IN LAW BEFORE 1ST OCTOBER, 1894.

I. No one shall hereafter be admitted as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of a recognized University.

II. The course of study in Law necessary for the Degree of Bachelor of Laws shall extend over three academical years, and shall include attendance on a distinct course in each of the six following departments, viz. :—

1. CIVIL LAW, - - - - - -	During courses of not less than eighty lectures each.
2. LAW OF SCOTLAND, - - - -	
3. CONVEYANCING, - - - - -	
4. PUBLIC LAW,- - - - - -	During courses of not less than forty lectures each.
5. CONSTITUTIONAL LAW AND HISTORY, -	
6. MEDICAL JURISPRUDENCE, - - -	

III. No one shall be admitted as a candidate for this degree in any University unless two at least of the three academical years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) in the University of Glasgow unless he be a Graduate in Arts, qualified as prescribed in Section I. (*supra*), or unless he shall have passed a satisfactory examination in Latin, and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. :—(*a*) Greek, with the alternative of French or German, (*b*) Logic, (*c*) Moral Philosophy, (*d*) Mathematics, (*e*) Natural Philosophy, and (*f*) English Literature ; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in Section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners. The following are the subjects of Preliminary Examination under this section :—

ARTS SUBJECTS.—The examination in the Arts subjects under Section IX. will be the same as that for the Degree of M.A.

FRENCH.—*Montesquieu's* Esprit des Lois, Books i. to v. ; *Voltaire's* Charles XII. ; *Molière's* Le Bourgeois Gentilhomme ; *Victor Hugo*, First Division of Selections (Poésie) contained in L'Œuvre Complète de Victor Hugo (Extraits), Paris, Hetzel-Quantin, 1885. Some knowledge of the matter of the books prescribed

as well as of their text is required. A passage from a work not prescribed may also be set. Moderate proficiency in French Prose Composition is required. Questions on French Grammar, Philology, and History will also be set. For these subjects reference may be made to *Saintsbury's* Primer of French Literature, *Brachet's* Historical French Grammar, or *Clapin's* Primer of French Philology, and *Charlotte Yonge's* Primer of French History.

GERMAN.—*Von Ihering*, Der Kampf um's Recht ; *Schiller*, Die Belagerung von Antwerpen ; *Lessing*, Minna von Barnhelm ; *Goethe*, Hermann und Dorothea. Translation, Composition, and Grammatical and Historical Knowledge will be required, as in French. Reference may be made to *Gostwick and Harrison's* German Literature, or *Selss'* Outline of the Literature of Germany ; and *Sime's* History of Germany (Macmillan's Hist. Course for Schools).

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in Section II., in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section : Provided always that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a candidate for the said degree unless two academical years of his course of study in Law shall have been in the University of Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XIII. Any candidate who, before the approval of the present alteration by Her Majesty in Council, may, with a view to graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said degree.

SUBJECTS OF EXAMINATION.

The examinations for LL.B. and B.L. in session 1896-97 will embrace the following books and subjects, viz. : —

In Civil Law.—Institutes of Justinian (Ed. Moyle or Sandars) and the Class Lectures ; also Dig., Lib. XVIII., Tit. I.—translated and annotated by Mackintosh—Roman Law of Sale.

In the Law of Scotland.—In addition to the Class Lectures, the books recommended are Bell's Principles of the Law of Scotland, and Erskine's Principles of the Law of Scotland. In Criminal Law, Macdonald's Criminal Law and Erskine's Principles. Recent editions of the works mentioned should be used.

In Conveyancing.—In addition to the Class Lectures, the books recommended are Duff's Feudal Rights, with Supplement ; Lectures on Conveyancing, by Menzies ; Lectures on Conveyancing by A. M. Bell ; and Craigie's Statutes. The constitution, transmission, and extinction of Heritable Rights according to the Law of Scotland.

In Mercantile Law.—Bell's Commentaries by M'Laren, Vol. I., pages 546 to 678 ; Scrutton's Merchant Shipping Act, 1894 ; Carver on Carriage by Sea, 2nd edition ; Arnould on Marine Insurance, 6th edition ; Thorburn's Bills of Exchange Act, 1882 ; Buckley on the Companies Acts, 6th edition.

In Jurisprudence, General or Comparative.—Holland's Jurisprudence (5th or 6th edition); Maine's Ancient Law ; Miller's Philosophy of Law. Reference may also be made to Hearn's The Aryan Household, and Sidgwick's Elements of Politics.

In the Law of Nations, or Public International Law.—Hall's International Law. Candidates are expected to show a general acquaintance with the history of Modern Europe. Pitt Cobbett's Leading Cases, and Tudor's Leading Cases in Mercantile and Maritime Law will be found useful for reference.

NOTE.—Candidates under the old regulations for LL.B. are required to sit also at the papers on Jurisprudence and International Private Law.

In International Private Law.—Rattigan's Private International Law, with the Scots cases referred to in the Class Lectures.

In Constitutional Law and History.—(1) The Outlines of English Constitutional History ; (2) Existing Constitutional Law. Authorities recommended : Taswell-Langmead's English Constitutional History ; Stubbs' Select Charters (Introductory Sketch only) ; Anson's Law and Custom of the Constitution, Vol. I. ; Dicey's Law of the Constitution ; Leading Cases in Constitutional Law, by Thomas.

Table of Examinations for Degrees in Law, to be held during Session 1896-97.

Fee.[1]	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[2]	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set.	
			October, 1896.	March, 1897.
£1 1s. on each entry for Examination, and balance, if any, before Graduation. Total Fees — LL.B. £5 5s., B.L. £3 3s.	23rd September or 2nd March,	Jurisprudence,	Mon., 5th Oct., 9—12 noon.	Mon., 22nd Mar., 9—12 noon.
		Mercantile Law,	,, ,, ,, 2—5 p.m.	,, ,, ,, 2—5 p.m.
		Scots Law,	Tues., 6th ,, 9—12 noon.	Tues., 23rd ,, 9—12 noon.
		Public Internat. Law, Internat. Private Law,	,, ,, ,, 2—5 p.m.	,, ,, ,, 2—5 p.m.
		Civil Law,	Wed., 7th ,, 9—12 noon.	Wed., 24th ,, 9—12 noon.
		Constitut. Law & Hist.,	,, ,, ,, 2—5 p.m.	,, ,, ,, 2—5 p.m.
		Conveyancing,	Thurs., 8th ,, 9—12 noon.	Thurs., 25th ,, 9—12 noon.
		Forensic Medicine,	,, ,, ,, 2—5 p.m.	,, ,, ,, 2—5 p.m.

For Dates of the Preliminary Examination and of the Examinations in Arts subjects necessary for B.L., see pp. 151 and 168.

[1] Under the new regulations the fee for LL.B. is £6 6s.; for B.L., £5 5s.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

In Medical Jurisprudence.—Infanticide; Concealment of Pregnancy; Rape; Wounds; Identity; Presumption of Survivorship; General Evidence in Cases of Poisoning; Poisoning by Arsenic; Examination of Blood Stains; Legitimacy; Insanity. (*Text-book*, Principles of Forensic Medicine, by Guy and Ferrier.)

In Political Economy.—The subjects of examination for the Degree of M.A. (see p. 67).

In other Arts Subjects—The subjects of examination for the Degree of M.A.

No candidate for the Degree of B.L. is admitted to an examination in Law subjects until he has passed in all the subjects of the Preliminary Examination, and under the old regulations for both degrees, not fewer than two subjects in Law can be taken up at one examination.

6.—GRADUATION IN DIVINITY.

Degree of Bachelor of Divinity.

In Ordinance No. 63 the Universities Commission laid down the following regulations for this degree :—

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Divinity (B.D.) in any University unless he be (1) a graduate in Arts of that University, and have taken a complete Theological Course in a Scottish University or Universities, or in an institution or institutions specially recognized for the purpose of this ordinance by the University Court, or partly in a Scottish University or Universities and partly in such institution or institutions; or (2) a graduate in Arts of any Scottish University or other University specially recognized as aforesaid, and have completed his Theological Course, of which not less than two years' attendance shall have been given in the University in which he presents himself for examination.

II. The examination shall in all cases be conducted at the seat of the University granting the degree, and the Examiners shall be the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

III. Every student who at the time when this ordinance shall come into operation shall have completed a part of his Theological Course with a view to graduation as Bachelor of Divinity in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Divinity without complying with the provisions of this ordinance.

IV. The Degree of Bachelor of Divinity shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

This degree is conferred on such qualified candidates as have satisfied the Examiners of their proficiency in the following departments, viz. :—

I. Hebrew, New Testament Exegesis, and Apologetics.
II. Divinity, Church History, and Biblical Criticism.

The scheme of examination for session 1896-97 is as follows :—

I. First Department—

(*a*) *Hebrew.*—(1) Jeremiah, xxi.–li.; Psalms, cvii.–cl., Text, Exegesis, and Introduction; (2) Portions of unpointed Hebrew to be punctuated and translated; (3) Translations from English into Hebrew.

Books that may be used :

Cornell's Book of Jeremiah in Hebrew and Wellhausen's Book of Psalms in Hebrew (both in Haupt's Sacred Books of the Old Testament); Driver's Introduction to the Literature of the Old Testament. The Commentaries on Jeremiah by Ewald (in his Prophets), Cheyne (in the Pulpit Commentary), Payne Smith (in the Speaker's Commentary), Nägelsbach (in Lange), Giesebrecht (in Nowack's Handkommentar), Orelli (in Strack and Zöckler's Kommentar, English translation in Clark's series), and Keil (in Clark's series). The Commentaries on the Psalms by Delitzsch, Perowne, Ewald, and Cheyne; Davison's Praises of Israel; Cheyne's Historical Origin and Religious Ideas of the Psalter (Bampton Lecture); Müller's Outlines of Hebrew Syntax; Davidson's Hebrew Syntax.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Acts of the Apostles. (2) Exegesis of Mark i. 1–x. 45, with critical comparison of the parallel passages in Matthew and Luke. (3) Exegesis of the Epistle to the Galatians.

Books which may be consulted :

(1) Schneckenburger, Ueber den Zweck der Apostelgeschichte; Schwanbeck, Ueber die Quellen der Apostelgeschichte; Spitta, Die Apostelgeschichte—ihre Quellen und deren Geschichtlicher Wert; Lekebusch, Die Composition und Entstehung der Apostelgeschichte; (2) The relative Commentaries of Meyer, De Wette, or Alford; Bleek, Synoptische Erklärung der drei ersten Evangelien; (3) The Commentaries of Meyer, Alford, Lightfoot, and Ellicott.

(*c*) *Apologetics.*—Antitheistic Theories; Inspiration.

Books which may be consulted :

The relative sections of general treatises on Apologetics or Dogmatics [see II., below]; Flint, Antitheistic Theories; Christlieb, Modern Doubt; Voigt, Fundamental-Dogmatik; Lee on Inspiration; Row on Inspiration; Ladd, Doctrine of Sacred Scripture.

II. Second Department—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work.
Biblical Theology—Discourses in Book of Acts and First Epistle of Peter.

The following books may be consulted :

The Treatises on Dogmatics by Martensen, Oosterzee, Kahnis, Lipsius, Dorner, Biedermann, Nitzsch ; Hodge, Systematic Theology ; Strong, Systematic Theology ; Dorner and Thomasius on Christ's Person and Work ; Bruce, Humiliation of Christ ; Schmid, Weiss, Oosterzee, Beyschlag, on Biblical Theology of the New Testament ; Reuss, History of Christian Theology in the Apostolic Age ; Weiss, Petrinischer Lehrbegriff.

(*b*) *Church History.*—From A.D. 70 to A.D. 451.

The following are among the books which may be consulted : Gibbon, Neander, Robertson's Early Church ; Schaff ; Pressensé, Early Years of Christianity ; Hefele on the Councils.

(*c*) *Biblical Criticism.*—(1) Textual Criticism. (2) Hermeneutics.

Books which may be consulted :

(1) Davidson, Biblical Criticism ; Tregelles, Treatise in Horne's Introduction, Vol. IV. ; Scrivener, Introduction to the Criticism of the New Testament (fourth edition) ; Westcott and Hort, Prolegomena to the Greek Testament. (2) Davidson, Sacred Hermeneutics (1843), or Treatise on Interpretation in Horne's Introduction, Vol. II. ; Ernesti, Institutio Interpretis ; Immer, Hermeneutik des Neuen Testamentes.

The scheme of examination for session 1897-98 will be as follows:—

I. First Department—

(*a*) *Hebrew.*—(1) The Book of Deuteronomy ; (2) Isaiah i.-xx. ; (3) Portions of unpointed Hebrew to be punctuated and translated ; (4) Translations from English into Hebrew.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Gospel of Luke ; (2) Exegesis of Luke viii. 4-xviii. 14, with critical comparison of the parallel passages in Matthew and Mark ; (3) Exegesis of the Epistles to the Corinthians.

(*c*) *Apologetics.*—The Theistic Arguments ; Agnosticism ; The Semitic Religions.

II. Second Department—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work ; Biblical Theology—The Synoptic Gospels and Epistle to the Romans.

(*b*) *Church History.*—The Councils of Trent, Dort, and Westminster.

(*c*) *Biblical Criticism.*—(1) Textual Criticism ; (2) Hermeneutics.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their course in Arts, may present themselves for examination in the First Department.

Table of Examinations for Degrees in Divinity, for Black Theological Fellowship, for Findlater Scholarship, and for Jamieson Prize, to be held during Session 1896-97.

Department.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set.
First.	21st October, 1896.	£2 12s. 6d.	Tues., 27th Oct., 1896. Hebrew, - - - 10—1 p.m. ,, ,, Hebrew, - - - 2—5 p.m. Wed., 28th Oct., 1896. Apologetics, - - - 10—1 p.m. ,, ,, New Testament Exegesis, 2—5 p.m.
Second.	19th March, 1897.	£2 12s. 6d.	Thurs., 25th Mar., 1897. Divinity, - - - 10—1 p.m. ,, ,, Textual Criticism, - 2—4 p.m. Frid., 25th Mar., 1897. Church History, - - 10—1 p.m. ,, ,, Hermeneutics, - - 2—4 p.m.

[1] Forms of application for examination may be obtained at the Matriculation Office. These forms, when filled up, must be forwarded by the candidates to the Dean of the Faculty of Theology, along with certificates of attendance on the required classes, and, having been certified by him, must then be transmitted to the Assistant-Clerk (Matriculation Office) on or before the date prescribed above.

7.—HONORARY DEGREES.

The powers of the Senatus Academicus to grant Honorary Degrees are regulated by Ordinance No. 41 of the Universities Commission (1889) of date 13th December, 1893, which received the approval of Her Majesty in Council on 28th May, 1894.

Degree of Doctor of Divinity.

The following are the regulations for the Degree of D.D. :—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Divinity, consisting of the Principal, three Professors from the Faculty of Theology (of whom the Professor of Divinity shall be one), and three other Professors to be selected by the Senatus Academicus from the other Faculties.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus Academicus for the degree; but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present a reasoned report, embodying its recommendations to the Senatus.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz. :—

(*a*) Whether he is an alumnus of this University, and whether he already holds the Degree of B.D., or any other University Degree.

(*b*) Whether his character and professional standing are such as to warrant the conferring of the proposed distinction.

(*c*) Whether, (1) being a Bachelor of Divinity of eight years' standing, he has passed a higher examination in any three of the six subjects embraced in the examination for the Degree of B.D.; or, (2) being a Bachelor of Divinity of fifteen years' standing, he has published a contribution of merit to Theological Literature.

V. No resolution to confer the Degree of Doctor of Divinity shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Degree of Doctor of Laws.

The following are the regulations for the Degree of LL.D. :—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Laws, consisting of the Principal and such Professors selected from the various Faculties as the Senatus Academicus may determine, provided that the total number of the committee shall not exceed twelve.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus for the degree, but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present to the Senatus a reasoned report, embodying its recommendations.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

(*a*) Whether he is an alumnus of this or any other University, and whether he already holds any academical degree.

(*b*) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.

(*c*) And, in general, whether his character, profession, and position in society are such as to warrant the conferring of the proposed distinction.

V. No resolution to confer the Degree of Doctor of Laws shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Academic Dress.

Graduates of the University.

On ceremonial occasions the graduates are expected to appear in the Gown and Hood proper to their degrees.

The ordinary Gowns to be worn by graduates of the University of Glasgow are of black silk or stuff, of similar shape to those appropriated to the corresponding degrees in the other British Universities.[1]

The Hoods for the different degrees, as approved by the University Court on 19th May, 1893, are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).

M.A., Black Silk, lined with Red Purple Silk.

B.Sc., Black Silk, bordered with Scarlet Cloth and lined with Gold Coloured Silk (colour of Whin Blossom—*Ulex Europœa*).

D.Sc., Scarlet Cloth, lined with Gold Coloured Silk.

B.L., Black Silk, with an inside border of Venetian Red Silk (colour of Clove Carnations).

LL.B., Black Silk, bordered with Scarlet Cloth and lined with Venetian Red Silk.

LL.D., Scarlet Cloth, lined with Venetian Red Silk.

1 The Robemakers to the University have standard patterns of the gowns, which, it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.

M.B. and C.M., Black Silk, bordered with Scarlet Cloth and lined with Scarlet Silk.
M.D., Scarlet Cloth, lined with Scarlet Silk.
B.D., Black Silk, bordered with Scarlet Cloth and lined with a light Cherry Silk.
D.D., Scarlet Cloth, lined with White Silk.

Under-Graduates.

By a Statute of the Commissioners appointed by the Act, 1690, chapter XVII., of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns ; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to academic dress ; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the academical dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that the proper academic dress for students in Arts is the red gown.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the red gown.

Ceremony of Graduation.

The following are the regulations adopted by the Senate :—

All degrees honorary or gained by examination, shall be publicly conferred, except in special cases to be decided by the Senate.

Candidates for graduation are required to appear in black gowns with the hoods appropriate to their degrees ; those who are already graduates, in the costume proper to their previous degree.

IX.—BURSARIES, SCHOLARSHIPS, Etc., PRIZES.

N.B.—No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations.
In the case of Bursaries in the gift of the Senate, in appointing to which "a preference" is to be given to certain names, etc., by a "preference" the Senate understand, in every instance, a preference *cæteris paribus*.

The following is the general ordinance issued by the Universities Commission with regard to Bursaries, Scholarships, and Fellowships, which have taken effect prior to the 30th day of August, 1864 :—

ORDINANCE No. 57 (GENERAL, No. 19.—REGULATIONS AS TO BURSARIES, SCHOLARSHIPS, AND FELLOWSHIPS).

GENERAL.

I. For the purposes of this ordinance, bursaries in the Faculty of Arts (hereinafter referred to as bursaries in Arts) shall be deemed to be the bursaries now attached to the said Faculty by Deed of Foundation or by custom.

II. Bursaries in Arts heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study approved by the Senatus Academicus in subjects included in the curriculum for Degrees in Arts or in Pure Science.

III. All bursars in Arts, subject to the provision as to the fourth year of tenure contained in the immediately preceding section, shall attend in each year at least two classes qualifying for graduation in Arts, and shall duly perform the work of these classes: Provided (1) that, for the purposes of this section, the classes known as Middle Classes, so long as the same exist, may be attended in place of classes qualifying for graduation; and (2) that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to permit such bursars as they shall from time to time select to attend classes qualifying for graduation in Pure Science in place of classes qualifying for graduation in Arts.

IV. It shall be in the power of the Senatus Academicus to suspend or deprive a bursar, scholar, or fellow on the ground of misconduct, or, if it think fit, on the ground of his failure to obtain class certificates, or to produce such other evidence as may be required that he is prosecuting his studies in a manner satisfactory to the Senatus Academicus.

V. Bursaries in Divinity heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study in Divinity approved by the Senatus Academicus.

VI. In the case of a bursary, scholarship, or fellowship, not in the gift of a patron, becoming vacant by forfeiture or otherwise before the expiry of the period of tenure, it shall be in the power of the Senatus

Academicus, with the approval of the University Court, to determine as to the disposal thereof, or of the income thereof, during the remainder of the said period.

VII. Any bursary tenable in several Faculties successively shall not be attached to any one of such Faculties in any year other than a year in which in ordinary rotation it would have been attached to such Faculty.

VIII. It shall be in the power of the Senatus Academicus to require, as a condition of tenure, any holder of a scholarship or fellowship who is a graduate to engage in teaching within the University or to conduct tutorial classes, unless he shall satisfy the Senatus Academicus that he is pursuing special higher studies, or that he is engaged in original research.

IX. Each Examiner at competitions for bursaries, scholarships, fellowships shall receive suitable remuneration, and it shall be in the power of the University Court to charge the funds of bursaries, scholarships, or fellowships with the necessary expenses of examination.

Open Bursaries.

X. (1) The subjects of the examination for open bursaries in Arts of the first year shall be the subjects prescribed for the Preliminary Examination in Arts instituted by Ordinance No. 11 (General, No. 6—Regulations for Degrees in Arts), Section III. The examination shall be taken at the Spring or the Autumn Preliminary Examination, according as the University Court shall determine, and shall be upon the same papers: Provided that the Senatus Academicus may, for purposes of competition, subject candidates to any further test that may be deemed necessary.

(2) Candidates for such bursaries who select in the Bursary Competition Examination, Latin, Greek, or Mathematics, shall, for the purposes of the competition, take the papers of the higher standard in those subjects: Provided that nothing herein contained shall prevent a candidate passing the Preliminary Examination if he complies with the provisions of Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), and Ordinance No. 44 (General, No. 16.—Regulations for Degrees in Arts Supplementary to Ordinance No. 11).

(3) No candidate shall, except as hereinafter provided, obtain a bursary in Arts who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts a candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar: Provided also that this power shall lapse after the expiry of seven years from the date hereof unless it be renewed by ordinance.

XI. It shall be competent for the Senatus Academicus, with the approval of the University Court, from time to time to make regulations as to the conditions under which persons shall be eligible to compete for bursaries of the first year in the Faculties of Arts and Science: Provided always that no student, who has during a winter or

summer session attended any class qualifying for graduation in the said Faculties in any Scottish University, shall be eligible to compete for such bursaries.

XII. (1) In determining the marks to be assigned to the several subjects of the Bursary Competition Examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject.

(2) Candidates may select not more than five subjects for examination from the subjects of the Preliminary Examination in Arts, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senatus Academicus may from time to time prescribe.

XIII. The Senatus Academicus, in determining the results of the Bursary Competition Examination, may award bursaries in Arts of the first year in respect of exceptional distinction in any one branch of study: Provided that this power shall not be exercised with regard to more than two bursaries in any one year.

XIV. Bursaries open for competition to students entering on their first session of attendance in the Faculty of Medicine shall be tenable only by those students who have passed the Preliminary Examination in Medicine, or who have been exempted therefrom in accordance with the provisions of Section VI. of Ordinance No. 46 (St. Andrews, No. 4.—Regulations for Degrees in Medicine), Ordinance No. 14 (Glasgow, No. 1.—Regulations for Degrees in Medicine), Ordinance No. 15 (Aberdeen, No. 1.—Regulations for Degrees in Medicine), or Ordinance No. 16 (Edinburgh, No. 1.—Regulations for Degrees in Medicine), and who have not attended any class qualifying for graduation in Medicine: Provided always that the last-mentioned condition shall not be held to exclude a candidate who may have attended the class of Physics, Chemistry, Botany, or Zoology, otherwise than as part of a graduation course in Medicine.

Restricted and Preferential Bursaries.

XV. Candidates for bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts prescribed by Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), Section III., and no bursary shall, except as hereinafter provided, be awarded to any candidate who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts not awarded by open competition a candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar.

XVI. In the case of a bursary, scholarship, or fellowship in the gift of a patron, including bodies corporate and not corporate, becoming vacant by forfeiture or otherwise during the period of tenure, the Senatus Academicus shall forthwith give notice of the vacancy to the patron, who may, within such time as the Senatus shall fix, appoint a

qualified student to fill the vacancy ; and if he fail to do so within such time, the Senatus Academicus may select a deserving student to fill the vacancy until the next Preliminary Examination at which bursaries are awarded, when the patron's right to present shall revive.

XVII. On the occurrence of a vacancy in any bursary in the gift of a patron, including bodies corporate and not corporate, at the expiry of the period of tenure, the Senatus Academicus shall give notice of such vacancy to the patron of the bursary and of the date fixed for the Preliminary Examination next ensuing at which bursaries are awarded ; and the patron may, if he think fit, submit to the Senatus the names of two or more candidates eligible for such bursary, who shall undergo an examination to be conducted by the Examiners for open bursaries in the University, and the result of the examination shall be communicated to the patron for his information, who shall thereafter present to the bursary.

XVIII. In the case of a bursary in the gift of a patron, including bodies corporate and not corporate, if no qualified person be presented before the date of the Preliminary Examination intimated in terms of the immediately preceding section, the bursary shall be open to unrestricted competition for that year ; and in the event of no qualified person being presented as before provided at the beginning of the next academical year, the Senatus may either throw open the bursary to unrestricted competition, or continue the same to the student to whom it had previously been awarded : Provided that this section shall not apply in cases where the patron shall previously satisfy the Senatus Academicus that proper arrangements have been made for the selection of a bursar.

Miscellaneous.

XIX. In the case of bursaries designed for poor students, the Senatus Academicus shall satisfy itself that the circumstances of candidates are such as to entitle them to the benefit of the endowment, and for this purpose the Senatus may require that a declaration be made by a parent or guardian, or by the minister of religion or schoolmaster, of each candidate as the Court shall think fit.

XX. [Preferences and restrictions cancelled. These have been noted under each bursary concerned.]

XXI. Nothing herein contained shall apply to any bursary or endowment granted by any incorporation or society whose funds, capital or revenue, have been and are contributed and paid by the members of such incorporation or society by way of entry monies or other fixed or stated contributions.

XXII. The Senatus Academicus, with the approval of the University Court, shall prescribe the subjects of examination and the conditions of competition for bursaries, scholarships, or fellowships, in so far as the same are not prescribed by ordinance or by deed of foundation.

XXIII. The provisions of any Ordinance of the Commissioners under the Universities (Scotland) Act, 1858, in so far as inconsistent with the provisions of this ordinance, are hereby repealed.

XXIV. This ordinance shall come into force from and after the 1st day of January, 1895, or as soon thereafter as it may be approved by Her Majesty in Council : Provided that nothing herein contained

shall extend to, or affect the interests of, any person holding a bursary, scholarship, or fellowship at the date of its coming into effect. [Approved on 11th May, 1895.]

A.—BURSARIES ARRANGED ACCORDING TO FACULTIES.

BURSARIES IN THE FACULTY OF THEOLOGY.

Bursars in the Faculty of Theology are required to attend each session the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, John,	3	4	£15
Black,	2	3	£42
Boyd and Sanders,	1	3	£13 16/8
Boyd and Wilson,	1	3	£24 6/8
Brown or Ettles,	2	3	£25
Dundonald,	6	3	£41 2/6
Gilhagie and Struthers,	1	3	£19 12/8
Hamilton,	3	3	£25
Hastie,	2	3	£25
King William's,	2	3	£20
Logan,	1	3	£16
Lorimer,	4	3	£25 and £20
Lumsden,	1	4	£15
Macfarlane, James,	1	3	£36
Marshall,	1	4	£17
Morgan,	8	1	£20
Muir,	1	3	£36
Muir Divinity,	2	2	£25
Notman,	1	3	£17
Ross, John, jun.,	1	3	£36
BURSARIES IN THE FACULTY OF LAW.			
Macfarlane, Robert,	—	—	—
Merchants' House,	1	3	£25
Walkinshaw-Young,	1	2	£18
Major Young's Fund,	2	6 and 2	£20
BURSARIES IN THE FACULTY OF MEDICINE.			
Arthur,	1	3	£25
Brisbane,	1	4	£42
Davidson,	1	3	£40
Gibson, Dr. Thomas,	1	—	£30
Glasgow Highland Society,	5	4	£25
Logan,	1	4	£16
Lorimer,	4	3	£25 and £20
Macarthur,	1	2	£20
Macfarlane, John,	1	3	£40
Mackintosh,	1	1	£30
Marshall,	1	4	£17
Merchants' House,	2	4	£25
Monteith, John,	2	2	£21
Paterson, James A.,	8	4	£30 and £15
Rainy,	2	2	£20
Walton,	1	4	£36
Weir, Andrew,	1	1	£18

BURSARIES IN THE FACULTY OF SCIENCE.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Buchanan Society (Arts or Science),	16	4	£30
Elder,	2	2	£50
Kerr, Malcolm,	2	3	£15
M'Ewen, Malcolm (Arts or Science),	1	4	£16
Metcalfe,	4	2	£25
Muir (Civil Engineering),	2	1	£12 10/
Shipwrights Company,	1	1	£25
Strang,	4	3	£20
Young, George,	1	—	£30

BURSARIES IN THE FACULTY OF ARTS.

Bursars in the Faculty of Arts are required to attend at least two classes each session.

Adam, James,	2	4	£16 10/
Adamson,	1	3 or 4	£20
Angus and Mearns Benevolent Society,	2	4	£15
Ayrshire Masonic,	1	4	£20
Barbour (Kilbarchan),	1	3	£16
Biggart Memorial,	10	4	£25
Black,	2	4	£21
Blackquarry School,	1	4	£13
Brand,	3	4	£24
Brown, Ebenezer,	1	3	£37
Browne (Ayrshire),	2	4	£20
Brown-Paton,	2	3	£16
Buchanan,	2	3	£13
Buchanan Society (Arts or Science),	16	4	£30
Clark, John (Mile-end),	24	4	£30
Cowan,	1	3	£26 13/4
Craig,	1	4	£25
Craig, Archibald,	1	2	£9
Crawfurd and Brown,	1	4	£19 13/4
Davidson,	1	3	£40
Duncan's Bute,	2	4	£35
Dundonald,	8	4	£40
Ewing, James,	4	4	£20
Forfar,	5	4	£30
Foundation,	2	4	£20
Fullarton of Overton,	5	2	£20
Gartmore,	1	3	£24
General Council,	5	3 or 2	£20
Glasgow City Educational Endowm'ts,	20	4 or 2	£25
Grant, George,	1	3 or 4	£45
Grant, George, jun.,	1	4	£45
Hamilton,	3	3	£20
Hamilton Educational Trust,	3	3	£15
Hannay,	3	3	£15
Hastie,	1	4	£25
Highland Society, Glasgow,	15	4	£20

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Howison and Gilchrist,	1	4	£17
Hutchesons' Educational Trust,	20	4	£20
Hyndford and Ross,	1	4	£10 16/8
Jaffrey, John Ferguson,	1	2	£34
Kerr, Malcolm (Nat. Phil.),	1	3	£15
King William's,	2	3	£15
Laing, Alexander,	1	3	£20
Laing, James,	8	4	£25
Leadbetter,	1	4	£9
Leyden, John,	1	3	£13
Lochhead, James,	1	3	£16
Lochhead and Mitchell,	2	4	£32
Lorimer (4 Phil. 4 Math.),	8	3	£25 and £20
Lusk,	1	3	£20
M'Crie,	4	4	£25
M'Culloch,	1	4	£17
MacDougall,	3	3	£33
M'Ewen, Malcolm (Arts or Science),	1	4	£16
MacGrouther,	2	4	£20 and £15
Maitland Club,	1	—	—
Marshall Trust,	20	5	£30
Menzies,	4	4	£45
Merchants' House,	1	4	£25
Monteith,	3	3	£14
Morgan,	16	1	£20
Muir (Mathematics, Senior),	1	1	£18
Muir (Mathematics, Junior),	1	2	£9
Orr-Ewing Dumbartonshire,	5	4	£25
Paterson, James,	1	4	£23
Paterson, James A.,	6	3	£40 and £20.
Patrick,	3	4	£40
Perthshire Society,	1	3	£25
Pollock,	3	3	£40
Ramsay-Walker,	2	4	£12
Scott,	3	4	£25
Stevenson of Dalry,	2	4	£32
Stewart,	3	4	£15
Thomson, James (Philosophical),	1	2	£11
BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.			
Ardkinglass,	1	6	£9 10/
Buchanan (Bellfield),	2	7	£50
Leighton,	1	3	£18
Williams,	4	3 or 4	£40
BURSARY IN THE FACULTIES OF ARTS OR THEOLOGY.			
Lamb,	1	—	£12
BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.			
Macdonald,	2	4	£14
William Whyte,	4	4	£25

BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Armagh,	3	3	£42
Hutcheson, Thomas,	1	4	£11 2,2¾
BURSARIES IN ANY FACULTY.			
Ayrshire Society,	4	3	£15
Celtic Society (Campbell),	1	1 or more	£5
Denny,	4	4	£30
Dumfriesshire Society,	2	4	£15
Ferguson, James,	2	2	£80
Forrest,	5	5 or less	£22
Gibson, John,	2	4	£20
Kintyre (Ker),	1	3	£20
Kintyre (Alexander Love),	1	4	£11
M'Kechnie,	2	4	£35
Shearer,	3	3	£30
Smith,	1	4	£18
Stillie,	1	1	£5
Taylor,	2	4 or 5	£12

B.—BURSARIES (ALPHABETICALLY ARRANGED).

James Adam Bursaries (*Arts*).—These bursaries were founded by the Rev. James Adam, Minister of Cumbrae, who died in 1830, and were originally three in number. In appointing to one of the bursaries, preference was given to the kindred of the founder, and in appointing to another to students of the name of Adam. By Ordinance No. 80 of the Universities Commission (1889) these restrictions were removed, and the three bursaries were combined into two of equal value. The bursaries are tenable for four years, but if a bursar graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to these bursaries. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae, the exercise of their patronage being regulated by Ordinance No. 57, Sections xv.—xviii. Value, about £16 10s. per annum each. (Both vacant.)

John Adam Bursaries (*Theology*).—Three in number, founded by Mr. John Adam of the Inner Temple, who died in 1836. The founder gave a preference to his own kindred and to students of the name of Adam or Dollar. By Ordinance No. 57 of the Universities Commission (1889) this preference was cancelled. They are open to competition to students in Theology of the first year; and, after

examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years, subject to the provisions of Ordinance 57, Section v. Value, £15 to each bursar.

Bursars—[1] John N. Macdonald, 1894 (1893); Alex. M. Shand, 1895; Andrew C. Maclean, 1895.

Adamson Bursary (*Arts*).—This Bursary was founded by the Rev. David Adamson, minister of Fintry, in 1674, for a student in Philosophy, and was restricted to sons of freemen in one of the seven Incorporate Trades of Stirling. This restriction was removed by Ordinance No. 57 of the Universities Commission (1889). It is tenable for four years by a student entering the Greek Class, for three years by a student entering the Logic Class; and the appointment is vested in the Convener Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500. (Vacant.)

Angus and Mearns Benevolent Society's Bursaries (*Arts*).—Two in number, founded in 1860 by the Glasgow Angus and Mearns Benevolent Society. Value, £15 per annum each. They are, as a rule, tenable for four years in the Arts Classes, and are open only to natives, or sons of natives, of the counties of Forfar and Kincardine, who are desirous of obtaining a University education, but whose circumstances are such as to render them unable to accomplish it without the aid of a Bursary. When a vacancy occurs applications are to be made, not later than 1st September, to Mr. Stuart Spence, 52 Virginia Street, Glasgow.

Bursars—William Abernethy, 1893; Edward G. Elliott, 1893.

Ardkinglass Bursary (*Arts and Theology*).—This Bursary was founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader of Barndennoch, Glencairn, Dumfriesshire, had by his Will set aside for pious uses, and was tenable for eight years—five in Languages and Philosophy, and three in Divinity. It is now regulated by Ordinance No. 87 of the Universities Commission (1889). A bursar may hold the Ardkinglass Bursary for three years in the Faculty of Arts, and for three years in the Faculty of Divinity, and no longer; but a bursar, who at the end of the third year of his tenure has failed to pass all the examinations necessary for graduation in Arts, shall forfeit the Bursary, and in that event it shall be lawful for the patron to nominate a candidate, who shall be a Master of Arts, or shall have passed the examinations necessary for admitting him to that Degree, and shall be entering on his course of study in the Faculty of Divinity; failing such nomination by the patron, the

[1] Vacant—Bursar's course finished.

Bursary shall be awarded by the Senate to a candidate qualified as aforesaid, under such conditions as the Senate shall prescribe, but a Bursar thus nominated shall not hold the Bursary for more than three years. In other respects the provisions of Ordinance No. 57 apply to the Ardkinglass Bursary. Patron, Mr. Geo. F. W. Callander of Ardkinglass and Craigforth. Value, £9 10s. (Vacant.)

Armagh Bursaries (*Theology, Law, or Medicine*).—Three in number, founded in 1733 by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commission (1858) these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed.

Further regulations were laid down in Ordinance No. 92 of the Universities Commission (1889). The Bursaries are open by competition to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours in the following rotation: (1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. They are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. One Bursary (value about £42) will be open to competition in October, the subject of examination being Mental Philosophy.

Bursar—[1] John W. Leitch, 1893; Hyam Goodman, M.A., 1894; William M. R. Pringle (Classics), 1895.

Arthur Bursary or Scholarship (*Medicine*).—Founded in 1892 by Mrs. Arthur of Barshaw. This Bursary is of the annual value of £25. It is open to women students in the Medical School at Queen Margaret College. It is to be awarded by the Trustees to the student who shall take the highest place among the Queen Margaret College candidates at the First Professional Examination held in the University before the commencement of the winter session in which an appointment falls to be made, provided always that a candidate may take part of her examination in the April preceding. If two students are of equal merit, the Bursary will be divided between them, and if more than two are equal, a special examination may be held to determine who shall be the recipient. The Bursary is tenable for three years, subject to the condition that the Bursar prosecute her medical studies with the approval of the Trustees.

Bursar or Scholar—Jessie S. B. Hunter, 1895.

Ayrshire Masonic Bursary (*Arts*).—This bursary was founded in 1874, the funds for it being subscribed by the Masonic Lodges of

[1] Vacant through lapse of time.

Ayrshire. It is open to the sons of Freemasons, members of an Ayrshire Masonic Lodge, and is awarded by competition to a student of the first year. Candidates must be in attendance at school in Ayrshire or be resident in the county, and must not be more than eighteen years of age at the examination. The bursary is tenable for four years or during Arts curriculum of bursar, but cannot be held along with any other bursary. The bursar must pass the examinations for the Degree of M.A. in regular course, on pain of suspension or deprivation. Value, the interest of the mortified fund and annual subscriptions, not exceeding in all £25. When a vacancy occurs applications should be lodged with the Secretary of the Trust, Dalry, Ayrshire, on or before the first day of September. The names of candidates approved by the patrons will be sent by him to the Clerk of Senate to be entered at the University competition for bursaries for students of the first year.

Bursar—[1] William W. Fulton, 1892.

Glasgow Ayrshire Society's Bursaries (*Any Faculty*).—Four in number, founded in 1868 and 1879 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £1,501 11s. subscribed by members of the Society, to be devoted to the establishment of bursaries in the University of Glasgow, and invested for that purpose. The bursaries, which are at present £15 per annum each, are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances rendering the aid of a bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. James Graham Girvan, 186 West George Street, Glasgow.

Bursars—[1] Thomas Skeoch, 1893; [1] James M'Clure, 1893; Peter Douglas, 1894; Alexander S. Allan, 1894.

Barbour Kilbarchan Bursary (*Arts*).—Founded in 1887 by the Executors of Miss Mary Barbour of Plymouth Grove, Manchester, who bequeathed £500 free of legacy duty for the purpose of endowing a scholarship for the Board School of Kilbarchan, Renfrewshire. The bursary is open to students of the first year, and is tenable for three years. Candidates must not exceed the age of eighteen years, must produce a certificate from the Kilbarchan School Board that they have attended three years at the Kilbarchan Village or Town Board School, are of irreproachable character, and have given satisfactory evidence of good natural ability, diligence and proficiency in their studies, and must be examined at the ordinary Bursary Examination. (Vacant.)

Biggart Memorial Bursaries (*Arts*).—Ten in number. Value, £25 per annum each. Founded in 1876 by Mr. Thomas Biggart of

[1] Vacant through lapse of time.

Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The bursaries are open to competition at the annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the Degree of Master of Arts.

The bursaries are tenable for four years.

The Bursary Fund consists of the sum of £6,000, invested in real estate in Scotland, and the surplus revenue may be applied to prolong the tenure of any of the bursars for a fifth year, or to the granting of additional bursaries on the same conditions as are applicable to the others.

The bursary is payable by equal moieties on the second day of February and at the close of the winter session; and the bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognized by that Church as an accepted student, pursuing his studies with a view to the ministry therein. (Three vacancies.)

Bursars—[1] Andrew B. Scott, 1892; [1] Charles Dick, 1892; [1] Arthur W. Wilkie, 1892; James Marr, 1893; John Falconer, 1893; Fergus Ferguson, 1894; Peter Henderson, 1894; Harry A. P. Anderson, 1894; [2] Hugh Alexander, 1895; [2] James Fraser, 1895.

Black Bursaries (*Arts*).—Founded by Mrs. Janet Black, widow of the Rev. William Black, D.D., Minister of the Barony Parish, Glasgow. Mrs. Black died in 1876, and by her Settlement, made provision, *inter alia*, for the institution of two bursaries in Arts, each of the annual value of £20 or thereby. The bursaries are open to competition to students entering on their first session in the University; and the bursars are required to attend the qualifying courses for a degree in Arts.

Bursars—[1] James D. Cowan, 1892; John A. L. Swan, 1895.

Black Bursaries (*Theology*).—Founded by Mrs. Janet Black—who died in 1876—in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The bursaries are entrance bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any four subjects taken from at least two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

Bursars—[1] John S. Morrison, 1893; John L. Tulloch, M.A., 1894.

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

Blackquarry School Bursary (*Arts*).—Founded in 1876 by the Trustees of the Blackquarry School, Port-Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to Students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value, the annual income of a sum of £420 (about £13).

Bursar—Alexander Allan, 1895 (1893).

Boyd and Sanders Bursary (*Theology*).—In 1635, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years, each of the value of £5 10s. per annum. The appointment to one of these was vested in the Merchants' House of Glasgow ; and the patrons of the other two were the members of the City Council. Preference to burgesses' sons, particularly of the name of Boyd.

The Bursary, value £5 10s., in the gift of the Merchants' House of Glasgow, and the Sanders Bursary, value £8 6s. 8d., founded in 1728 by Mr. Robert Sanders of Auldhouse, also in the gift of the Merchants' House, were, by an order obtained under the authority of the Endowed Institutions Commission in 1880, conjoined into one Bursary of £13 16s. 8d. per annum, tenable for not more than three years by a student attending the ordinary curriculum in the Faculty of Theology at the University of Glasgow. The preference, *cæteris paribus*, to the names Boyd, Sanders, Corbet, Colquhoun, and Wardrop, was cancelled by Ordinance No. 57 of the Universities Commission (1889). When a vacancy occurs applications are to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September.

Bursars—Donald Duncan (two years), 1895 ; John D. Dykes, 1895.

Boyd and Wilson Bursary (*Theology*).—By ordinance of the Universities Commissioners of date 17th May, 1862, the two Boyd Bursaries in the gift of the Magistrates and Town Council of Glasgow (see above) were conjoined into one, tenable for three years, the Bursar to be M.A. By an ordinance of the same date the two Bursaries, value £6 13s. 4d. per annum each, which were founded by Mr. Michael Wilson in 1640, and placed under the same patronage, were also conjoined into one, tenable for three years, the holder to be M.A. in regular attendance at the University as a student of Theology. Restrictions as to kindred, etc., were in both cases abolished.

This Boyd Bursary and this Wilson Bursary were, by Ordinance

No. 78 of the Universities Commission (1889), conjoined into one Bursary, called the Boyd and Wilson Bursary, value £24 6s. 8d. per annum. The holder must be a Master of Arts of a Scottish University. The Bursary is tenable for three years, provided that the Bursar shall, during that period, give regular attendance as a student of Theology in Glasgow University. (Vacant.)

Brand Bursaries (*Arts*).—Mr. Robert Brand, son of the late Mr. Robert Brand, coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of students in the University who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting, with interest, to the sum of £2,121 7s. 5d., was paid by the Trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £24 each, and are awarded by public competition to students entering their first or second session in the Faculty of Arts ; the Bursars to graduate as M.A. at the end of their course.

Bursar—[1] John E. M'Intyre, 1892 ; [2] William T. Morton, 1895.

Brisbane Bursary (*Medicine*).—Founded by Miss Christian Brisbane in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

It is tenable by a student of Medicine for four years, and the salary is about £42 per annum. The family of Brisbane and the University present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

The preference formerly given to the kin of the founder was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursar—[1] Thomas Hunter, M.A., 1892.

Brown Bursary.—See Crawfurd and Brown, p. 236.

Brown or Ettles Bursaries (*Theology*).—Two in number, founded in 1867 by Miss Ettles of Inverness, in memory of her brother-in-law, Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary Degree of M.A. ; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

Bursars—James S. Cuthill, M.A., 1894; Coll A. Macdonald, 1895.

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

Ebenezer Brown Bursary (*Arts*).—Founded in 1884 under the Trust Disposition and Settlement of Mr. Ebenezer Brown, export bottler, West Campbell Street, Glasgow. Mr. Brown, who died on 31st July, 1883, bequeathed to the Senate the sum of £1,000, free of legacy duty, for the purpose of founding and maintaining a bursary in the Faculty of Arts, to be granted to the student who shall stand highest in a competitive examination on such subject or subjects in Arts as the Senate may prescribe. The Senate have full power to vary such subject or subjects from year to year, and to lay down such regulations regarding the bursary as they may see fit. The bursary is open to competition to all students entering on their first or second year of attendance, provided that no student in his second year shall be eligible who on entering upon his first year of attendance passed the whole Preliminary Examination. It is tenable for three years.

Bursar—James M'Clelland, 1895.

Browne (Ayrshire) Bursaries (*Arts*).—Two in number, tenable for four years, and each of the annual value of about £20, founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the county of Ayr, who for this purpose, and in memory of his brother, the late Dr. Alexander Browne of Buenos Ayres, mortified to the University of Glasgow the sum of £1,000. The bursaries are awarded by competition. Candidates must be natives of the county of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University.

Bursar—[1] William Stewart, 1892; John Gillies, 1895.

Brown-Paton Bursaries (*Arts*).—Founded in 1891 by Mr. Andrew Brown-Paton, Liverpool, in memory of his father, mother, and three sisters. The bursaries are two in number, and are tenable for three years. They are open for competition to students of the first year, with a preference to natives of the parishes of Loudon or Galston in Ayrshire. Should no candidate from either of these parishes come up to the standard of the Entrance Examination then held in Arts, the bursaries are open to candidates from any part of Ayrshire. Failing qualified candidates from Ayrshire, the bursaries are open to all students of the first year. In case of a vacancy, otherwise than by lapse of time, a student of the same standing is appointed by the Senate by examination or otherwise. Each bursar receives one half of the free proceeds of the capital sum, £1,000, paid over to the University Court by the founder.

Bursar—William Philips, 1894; William G. Walker, 1895.

Buchanan Bursaries (*Arts*).—Founded by the late Robert Buchanan, LL.D., Ardfillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by Codicils to his Will, dated

[1] Vacant through lapse of time.

26th December, 1871, and 26th March, 1872, in which, as a "token or expression of his gratitude and respect to the University of Glasgow, with which, as a student, or Professor, or member of the University Court, he had been connected for the space of fifty years," he bequeathed the sum of £1,000 for the purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that may appear to the Senatus best for the interests of the University. The Senate resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session; the Bursars to be appointed by competitive examination among students of the first year. Present value, £13 to each Bursar.

Bursar—Alexander A. Gardner, 1894; William Macnab, 1895.

Buchanan (Bellfield) Bursaries (*Arts and Theology*).—Founded in 1875, in accordance with the Trust Disposition and Deed of Settlement of the late Misses Margaret Jane and Elizabeth Buchanan of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in Reduced 3 per cent. Annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to their becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointments from the University Court. The Bursaries are tenable during the whole curriculum "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts. Present value, £50 per annum to each Bursar.

Bursars—[1] John M. Dickie, 1889; Ephraim Henderson, 1890.

Buchanan Society Bursaries (*Arts or Science*).—These Bursaries, instituted by the Buchanan Society, are of two kinds, Classical and Technical. The former were established in 1877, the latter in 1893. They are open to students of the names of Buchanan, M'Millan, M'Auslan, M'Wattie, and Risk. The Classical Bursaries are each of the annual value of £30, and tenable for four years at any Scottish University. Candidates must be over sixteen and under twenty years of age. The Technical Bursaries are each of the annual value of £35, and tenable for three years at any Scottish University, or at any of the Technical Colleges of Glasgow, Edinburgh, Dundee, or Aberdeen, approved of by the Society. In the event of a Technical Bursar desiring to take the Degree of B.Sc., his tenure may be extended to a fourth year. Both the Classical and the Technical Bursaries are awarded by competition, the subjects of examination being English and any three selected by

[1] Vacant through lapse of time.

the candidate out of the following, viz., Latin, Greek, French, German, Mathematics, Science. Candidates for Technical Bursaries must also shew proficiency in Freehand Drawing. Four Bursaries (two Classical and two Technical) will be given in September, 1896, provided a sufficiently high standard is reached by the candidates. Applications should be lodged not later than 15th September with the Secretary, Mr. G. Y. Strang Watkins, 186 West George Street, Glasgow, from whom further information may be obtained.

Bursars—Hugh R. Buchanan (Classical), 1894; Alexander M. M'Millan (Technical), 1894; Alexander M'Millan (Technical), 1894; Archie Morven Macmillan (Technical), 1895; Thomas Buchanan (Classical), 1895; William John Risk (Classical), 1895.

Celtic Society's Campbell Bursary (*Any Faculty.*)—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native, or a son of a native, of the Highlands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Additional Bursaries not exceeding £5 are also granted by the Society, when its funds permit, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. Charles M. Williamson, 194 West George Street, Glasgow, on or before 1st October in each year. Application forms may be obtained from Mr. Williamson.

Bursars—Dugald Bell (Campbell Bursary), 1894; Andrew C. MacLean, 1894; Alexander R. Mackenzie, 1894.

George A. Clark Bursaries or Scholarships (*Arts, etc.*)—(See under "Scholarships.")

John Clark (Mile-End) Bursaries (*Arts*).—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, of the firm of John Clark, junior, & Co., thread manufacturers, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. The competition is to be in writing, and the trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate, said residue amounting to upwards of £30,000. Six Bursaries on this foundation will be competed for in October, 1896.

Bursars—[1]James W. Copeland, 1892 ; [1]John W. Henderson, 1892 ; [1]Alexander J. Martin, 1892 ; [1]John M. Ramsay, 1892 ; [1]Gavin Scott, 1892 ; [1]John Buchan, 1892 ; Horace F. Wallace, 1893 ; David H. Tweeddale, 1893 ; William Fulton, 1893 ; Joseph White, 1893 ; James P. Brander, 1893 ; Robert J. T. Bell, 1893 ; William H. Begg, 1894 ; Walter Murray, 1894 ; James Sheridan, 1894 ; John Harvey, 1894 ; Gordon B. Nielson, 1894 ; Joseph Walker, 1895 ; David M. Stewart, 1895 ; Alexander D. Lindsay, 1895 ; Daniel F. Riddell, 1895 ; John Anderson, 1895 ; Robert W. Stewart, 1895.

Cowan Bursaries (Ayr Academy) (*Arts*).—These Bursaries were founded by the late David Cowan, Esq., of Auchendrane, who bequeathed to the Directors of the Ayr Academy the sum of £2,000, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who should have received their previous education, or part of it, at Ayr Academy. These Bursaries are now administered by the "Ayr Educational Trust." Under Scheme 328, Section 26, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 8th February, 1890, the Governors are instructed to apply an annual sum of not less than £80 in establishing Bursaries for University education, to be called the Cowan Bursaries, each of the yearly value of not less than £20 nor more than £30. These Bursaries are awarded by competitive examination among those who have been pupils in the Ayr Academy for at least two years before the date of examination. The Governors have resolved to award them alternately to students of Glasgow and Edinburgh Universities. The Bursaries are tenable for three years, the total value of each being £80, payable by instalments of £30 per annum for the first two years, and £20 for the third year. On a vacancy, intending candidates must send in their names and addresses to the secretary, Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September ; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University. (One vacancy.)

Bursar—(At Glasgow University) —[1]John Clark, 1893.

Craig Bursary (*Arts*).—Founded by Mr. John Craig, merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. The preference to kindred of Founder, and students of the name of Craig, was cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, £8 6s. 8d. per annum, increased by the Patrons in 1880 to £25. Appointment by the Merchants' House.

[1] Vacant through lapse of time.

Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September of the year in which a vacancy occurs.

Bursar—Thomas Craig, 1894.

Archibald Craig Bursary (*Arts*).—The Rev. Archibald Craig, some time minister of the Free Church at Dalton, thereafter residing at Eaglesham, who died on 10th March, 1873, by his Will, dated 4th March, 1873, bequeathed a sum which, with accretions, now amounts to £250, to be devoted to the foundation of a Bursary in the University of Glasgow. The Trustees of the Bursary Fund are —the Minister for the time being of the Parish of Eaglesham, the Minister for the time being of the United Presbyterian Church, Newton-Mearns, and certain other gentlemen. The Bursary was founded in 1884. It is open to competition, at the annual Bursary Examination, to all students entering on the first session of attendance at the University, who are natives of the parishes of Eaglesham or Mearns, or who for two consecutive years have attended school in either of said parishes ; is awarded by the Senate in accordance with the result of that examination ; and is tenable for the first two years of such student's attendance at the University. The Bursary is payable at the close of the winter session. Should the Bursary be in abeyance during any session or sessions, from failure of students falling under the above description, the accumulation may, in the discretion of the trustees, be applied to the increase of the Bursary in any subsequent session or sessions, or may be added to the capital fund.

Bursar—John Lambie, 1895.

Crawfurd and Brown Bursary (*Arts*).—The Crawfurd or Bishop's Bursary was founded by Captain Thomas Crawfurd of Jordanhill in 1576, and was appropriated to a student in Languages. It was tenable for four years, the value being a chalder of meal. The Patrons were the Principal and the Professors of the University. The foundation was remodelled by ordinance of the Universities Commission, dated 7th June, 1862. The Brown Bursary was founded in 1697 by Colonel Brown of Maryland. It was tenable for four years. The annual value was £5, increased in 1880 to £6 13s. 4d. by an addition from the Students' Bursary Fund. This Bursary, being also in the patronage of the Principal and Professors, was combined with the Crawfurd Bursary by Ordinance No. 81 of the Universities Commission (1889), the joint-bursary to be called the Crawfurd and Brown Bursary. The preference as to kindred attaching to the Brown Bursary was abolished. The Crawfurd and Brown Bursary is tenable for four years, the annual value being £19 13s. 4d. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure, if he shall engage in a course of study approved by the Senate in subjects

included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary. (Vacant.)

DAVIDSON BURSARIES (*One in Arts and one in Medicine*).—Two in number, founded in 1881, in terms of the Trust Disposition and Settlement of Mrs. Eliza Davidson, who bequeathed £2,000 for that purpose, the one bursary being in memory of her husband, John Davidson, surgeon, Newmilns, and the other in memory of her son, Francis John Ferguson Davidson. A preference is given, *cæteris paribus*, to the Founder's relatives, and to young men natives of the parishes of Muirkirk, Dalserf, Lesmahagow, and Loudon. One of the Bursaries is open to competition to students of the first or second year in the Faculty of Arts, and is tenable for three years, but the second moiety of the third year's Burse is not payable until the bursar shall have passed the examinations in four subjects taken out of at least two Departments for the Degree in Arts. The other Bursary, also tenable for three years, is awarded to the medical student who stands first in the First Professional Examination, provided that his attendance at the classes has not exceeded the requirements of the Ordinance.

Bursar in Arts—Peter W. Monie, 1894.

Bursar in Medicine—Alexander L. Watson, 1895.

DENNY BURSARIES (*Any Faculty*).—Four in number, founded in 1875, by the late Peter Denny, LL.D., engineer and shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who are not under fourteen years of age, and who have been pupils in regular attendance at the Dumbarton Burgh Academy for at least two years, one of which must be immediately preceding the date of such entry. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. John M'Ausland, the Principal and Professors, and one of the four Assessors of the General Council in the University Court appointed by the four Assessors, or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889).

Bursars—[1] Robert P. R. Anderson, 1892; John Glen, 1893; Murdoch M'Iver, 1894; William Walker, 1895.

GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Two in number, the one founded in 1874 and the other in 1876. They are in value £15 per annum each, are tenable for four years, and consist of the annual proceeds of a sum subscribed by members of the Glasgow Dumfriesshire Society and invested for the establishment of Bursaries in Glasgow University. The Bursaries are open to first and second year's students, between the ages of 14 and 21,

[1] Vacant through lapse of time.

who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Application to be made to the Secretary, Mr. Francis Stoddart, 58 West Regent Street, Glasgow, not later than 1st September of the year in which a vacancy occurs.

Bursars—[1] James A. Maclean, 1892 ; James Dinwoodie, 1894.

Duncan's Bute Bursaries (*Arts*).—Founded in 1875 for the benefit of natives of the island of Bute, by Mr. James Duncan of Valparaiso, and afterwards of Rothesay, who by his Will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years ; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The examination is in the same subjects and at the same time as the examination for the other competition Bursaries. There is a preference, *cæteris paribus*, to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality the Bursary may be divided. Present value, £35 to each Bursar.

Bursar—[1] George Murray, 1892 ; Archibald Leitch, 1895.

Dundonald Bursaries (*Eight in Arts and Six in Theology*).—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity.

In 1858 the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained, authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy and six in Divinity.

The Bursaries were further regulated by Ordinance No. 94 of the Universities Commission (1889). The Bursaries in Arts are tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure, if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are tenable for three years, and no longer. A student cannot be appointed to a Dundonald Bursary in Divinity

[1] Vacant through the lapse of time.

unless he has passed all the examinations required for graduation in Arts. In other respects the provisions of Ordinance No. 57 apply to all the Bursaries on this Foundation. The Bursars in Arts receive £40 each per annum, and those in Divinity £41 2s. 6d. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September.

Bursars in Philosophy—[1] John A. Black, 1892 ; [1] Ronald C. Kerr, 1892 ; Robert A. Gray, 1893 ; John M'Gregor, 1894 ; Robert S. Masterton, 1894; [2] Alexander S. Wilson, 1895; Duncan Morrison, 1895.

Bursars in Divinity—[1] Hector M'Fadyen, 1894 ; [1] George S. Yuille, 1894 ; Andrew Watt, M.A., 1895 ; Archibald Hunter, M.A., 1895.

Elder Bursaries.—With a view to the encouragement of merit shown by the sons of working men, Mrs. Elder has intimated her intention of giving annually to the most deserving student of the Science and Art Classes in connection with the Young Men's Christian Association, Govan Section, a Bursary of £25 per annum, to which will be added by the Department of Science and Art an equal sum, making £50 in all. The Bursaries will be tenable for two years.

Candidates must have taken the undermentioned classes in the Govan Science and Art Section :—Mathematics (2nd stage); Theoretical Mechanics (Elementary); Steam and the Steam Engine, or Naval Architecture (advanced stage).

The competition by which the Bursar is to be selected will be in the above subjects, and will be conducted by the Department of Science and Art at the May examination. The eighth examination will be held in May, 1896.

Candidates must be employed in workshops on the Govan side of the Clyde from Glasgow to and including Renfrew, or must reside in the district. A Bursar will be required to enrol in and attend the following classes at the University during the first year of his attendance :—(1) Natural Philosophy ; (2) Chemistry (lectures); (3) Mathematics ; (4) Naval Architecture and Marine Engineering. During the second year of attendance : (1) Mathematics ; (2) Civil Engineering and Mechanics (lectures); (3) Naval Architecture and Marine Engineering. These Bursaries are to be continued during Mrs. Elder's pleasure.

James Ewing Entrance Bursaries (*Arts*).—Four in number, founded in 1879 by the Merchants' House of Glasgow in accordance with the Deed of Endowment of the late Mr. James Ewing of Strathleven. The Directors resolved to apply annually £80 of the income of his legacy of £10,000 for educating, training, and settling in business the sons of Glasgow merchants in entrance Bursaries of £20 each. The Bursaries are tenable for four years by students giving

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

regular attendance on classes in the Faculty of Arts. Open to first year's students. The appointments to the Bursaries will be made in accordance with the annual Bursary competition at the commencement of the session ; candidates to be qualified as above. Applications to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September, in each year. (One vacancy.)

Bursars—[1] Allan M. Watson, 1893 ; Thomas M. Campbell, 1894 ; Jas. Faulds, 1894 (£10) ; John D. Johnston, 1895.

Exchequer Bursaries.—See King William's Bursaries, p. 252.

Bursars—Maxwell R. Kirkpatrick, 1893 (Divinity) ; John W. Whyte, 1894 (Nat. Phil.).

James Ferguson Bursaries (*Theology, Law, Medicine, or Department of Engineering Science*).—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three Faculties of Divinity, Law, or Medicine, or in the Department of Engineering Science. The Bursaries are awarded for special proficiency in Arts studies, according to the following rotation, viz. :—In November, 1878, and thereafter triennially, in Mental Philosophy, together with English Literature ; in November, 1879, and thereafter triennially, in Mathematics and Natural Philosophy ; in November, 1880, and thereafter triennially, in Classical Literature. The Examination is the same as that for honours in the Groups of Classics, Mental Philosophy, and Mathematics and Natural Philosophy respectively (with the addition in the case of the Group of Mental Philosophy of a paper on English Literature), at the annual Examination for Degrees in October. Candidates must have completed the course of attendance required for admission to examination in the corresponding Group for the Degree of M.A. with Honours. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Engineering Science, as he may, with approval of the Senate, select. In the event of a successful candidate not having completed attendance on the Arts classes necessary to qualify for the Degree of M.A., he shall be at liberty, without forfeiting his right to the Bursary, to continue his studies in Arts for two years, in order that he may complete his qualifications for graduation ; but no part of the Bursary shall become payable until he has selected and entered upon a course of study in one of the three Faculties above mentioned, viz. :—Divinity, Law, or Medicine, or in the Department of Engineering Science. While the Bursary is tenable for two years of such course, the Bursar must continue his attendance on classes beyond the two years, if this be necessary for graduation or for receiving the Certificate of Proficiency in Engineering

[1] Vacant through resignation of Bursar.

Science. The Bursar shall not receive payment of any half-yearly Burse without such evidence as the Senate may require that he is faithfully pursuing the selected course, and shall not receive payment of the fourth half-yearly Burse until he has graduated or received the Certificate of Proficiency in Engineering. Unless a candidate comes up to at least the standard of Second Class Honours, the Senate shall not be bound to award the Bursary. There is a preference, *cæteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk, or the province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the founder.

Candidates for the Bursary to be competed for in 1896 will be examined in Mental Philosophy and English Literature, on *Wednesday, 14th October, Thursday, 15th October, and Friday, 16th October*, along with the examinations on these subjects for the Degree of M.A. Names to be given in to the Assistant Clerk (Matriculation Office) not later than 23rd September.

Bursar—Donald N. Dow (Classics), 1895.

Forfar Bursaries (*Arts*).—Founded by the Countess of Forfar in 1737. The foundation was remodelled by the Universities Commission (1858), by Ordinance of 31st May, 1862, and further regulated by Ordinance No. 79 of the Universities Commission (1889) of date 15th February, 1895. There are now five Forfar Bursaries in the gift of the Senate: the holder of each to receive £30, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 of the Universities Commission (1889) apply to the Forfar Bursaries.

Bursars—[1] William L. Parkin, 1892; George D. Valentine, 1893; Robert M'Ewan, 1894; John Copeland, 1895; Alexander Sellar, 1895.

Forrest Bursaries (*Any Faculty*).—Founded by Mr. William Forrest of Easter Meadowhead, Drumgelloch, and Meadowside, by Deed of Mortification of date 6th March, 1858. The Trust was reconstituted in 1886, under a Scheme of the Educational Endowments Commission. The Bursaries are five in number, each of the annual value of £22, and tenable at the University of Glasgow for such number of years, not exceeding five, as the Governors may determine. The Bursaries are awarded by competitive examination among young men who require aid in obtaining a University education,

[1] Vacant through lapse of time.

and who have been pupils in public or State-aided schools within the parishes of New Monkland, Slamannan, and Shotts, or who are natives of said parishes. Bursars cannot hold another Bursary, must prosecute a course for some degree, and attend at least two classes each session.

Governors.—The Provost of Airdrie, the ministers of the parishes of New Monkland, Airdrie, and Clarkston, one representative from each of the School Boards of Airdrie and Clarkston, and one from the School Boards of Slamannan and Shotts alternately, and one appointed by the Sheriff of Lanarkshire. Secretary, Mr. G. B. Motherwell, Town Clerk, Airdrie. (Two vacancies.)

Bursar—Robert W. Bell, 1895 (one year); Alexander Strang, 1895 (one year); Robert Morton, 1895 (one year).

Foundation Bursaries (*Arts*).—These Bursaries were founded by James VI., in 1577, for students in Languages and Philosophy, and were originally four in number. By ordinance of the Universities Commission (1858) of date 7th June, 1862, these Bursaries were remodelled, and were further regulated by Ordinance No. 84 of the Universities Commission (1889) of date 15th February, 1895. Under the new scheme there are two Foundation Bursaries, the holder of each to receive £20 per annum. They are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. The class attendance of the Foundation bursars is regulated by Ordinance No. 57, Sec. iii. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. (One vacancy.)

Bursar—James G. Liddell, 1894 (1893).

Fullarton of Overton Bursaries (*Arts*).—By Deed of Mortification and Constitution dated 22nd December, 1877, the Executors of the late John Fullarton, Esq., of Overton, West Kilbride, Ayrshire, in pursuance of his Trust Disposition and Settlement and Codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10, but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers, or shopkeepers, or others who may be struggling to secure their better education, and are by themselves, or with such assistance as they may be able to get from their parents or relations, unable to provide for the expenses of a University education. The Bursaries are awarded by competitive ex-

amination in Latin, Elementary Mathematics, and English; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended, the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. Any accumulations through vacancies are added to the capital sum. Candidates are required to produce evidence of age. (Two vacancies.)

Bursars—[1] James C. Ker, 1894; [1] George Ogilvie, 1894; John Brown, 1895; [2] Charles A. Balderston, 1895; [2] Alexander Wason, 1895.

Gartmore Bursary (*Arts*).—In accordance with the directions of the Founder of the Gartmore Medal (see p. 309), the Universities Commission (1889), by Ordinance No. 98, founded this Bursary, a sufficient capital having accumulated from the surpluses of the Foundation. It is open by competition to all students entering on their first year of attendance on a course for graduation in Arts, and is tenable for three years. Value, £24 per annum. In other respects the provisions of Ordinance No. 57 apply to the Gartmore Bursary.

Bursar—William H. Love, 1895.

General Council Bursaries (*Arts*).—Under a scheme originated by Mr. David Hannay, Clerk to the General Council, a sum of about £500 (Fund No. I.) was raised by subscription among the members of Council for the foundation of Bursaries to be held for three years, and open to competition to first and second year's students in Arts. This fund has now been exhausted. In addition, a sum of £2,382 2s. (Fund No. II.) was raised to form the nucleus of a permanent General Council Bursaries Fund, and invested in the names of Trustees. Of this sum £1,000 is due to the liberality of the late Rev. Wm. Park, D.D., minister of Airth, to be applied in memory of his brother, the Rev. John Park, D.D., minister of Cadder. With Dr. Park's consent, the income of this sum was appropriated to two General Council Park Bursaries of £20 a-year, open to students of either sex who, having passed the Preliminary Examination in Arts, are about to commence their second year of actual attendance at the University. The General Council Park Bursaries are tenable for two years. The remainder of the free income of the fund is devoted to providing bursaries, called the General Council Bursaries, of such number and of such amount as may from time to time be determined by the Trustees. The General Council Bursaries are open to students of either sex on their first entering the University, and are tenable for three years. No

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

candidate shall obtain a General Council Bursary who shall not have passed the Preliminary Examination in Arts, but it is in the power of the Trustees to admit to a General Council Bursary, a candidate who has passed in at least three subjects of the Preliminary Examination on condition that the bursary shall not be retained unless the bursar passes in all the subjects not later than the second Preliminary Examination held after the time of admission.

Bursars—David L. Blair, 1894; Andrew J. C. Kerr, 1895; [1] John B. Johnston, 1894 (Park); James Y. Wilson, 1895 (Park).

John Gibson Bursaries (*Any Faculty*).—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson of Oakbank and Johnstone, merchant in Glasgow. The Bursaries, which may be given to one student, or at most two, consist of the annual proceeds of £1,000. The administration is vested in trustees, who have great discretionary powers as to the conditions on which the Bursaries may be held. Their subsisting resolution is to award the Bursary to a Medical student entering on the third year of his course, and that it be retainable for three years. When a vacancy occurs applications are to be made in September to James Graham, LL.D., writer, 198 West George Street, Glasgow, who will furnish forms of application.

Bursars—Kenneth M. Duncan, 1894; Arthur James Ballantyne, 1895.

Dr. Thomas Gibson (Rothesay) Bursary (*Medicine*).—Founded in 1893 in terms of the Trust Disposition and Settlement of Misses Christian and Janet Gibson, who bequeathed £1,000, free of legacy duty for that purpose, in memory of their brother. The Bursary is tenable by Medical students attending the University of Glasgow and preparing for service as Medical missionaries in connection with the Church of Scotland, a preference being given, *cæteris paribus*, to students of the name of Gibson.

Gilchrist Bursary.—See Howison and Gilchrist, p. 249.

Gilhagie and Struthers Bursary (*Theology*).—The Gilhagie Bursary was founded in 1753 by Agnes Gilhagie, widow of William Somerville, merchant in Glasgow, for a student in Divinity. It was tenable for four years, the annual value being £6 6s. In 1624 the Rev. William Struthers founded two Bursaries, each of the annual value of £6 13s. 4d., for students of Divinity. By Ordinance of the Universities Commission (1858) the two Struthers Bursaries were conjoined into one, tenable for three years, the holder to be M.A., and a student of Divinity. All other restrictions were abolished. By Ordinance No. 82 the Universities Commission (1889) combined the Gilhagie Bursary and the Struthers Bursary into one, called the Gilhagie and Struthers Bursary. The patrons of the joint-

[1] Vacant through lapse of time.

bursary are the Magistrates, Town Council, and Ministers of Glasgow, who may present any person without preference as to name, provided that he be a Master of Arts of a Scottish University. The Bursary is tenable for three years, and no longer, subject to the condition that the bursar shall during that period give regular attendance as a student of Theology in the University of Glasgow.

Bursar—John Paterson, M.A., 1895.

Glasgow City Educational Endowments Bursaries (*Arts, etc.*).—Under scheme 10, section 31, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 19th May, 1885, the Governors of the Glasgow City Endowments Board are instructed to apply the annual sum of £500 in establishing Bursaries at the University of Glasgow. Each Bursary is of the yearly value of £25. One half of these Bursaries are to be awarded among the Queen's Scholars at Training Colleges who have attended two years at the University of Glasgow, on the report of the Board of Examiners appointed by the Scotch Education Department. Every Queen's Scholar obtaining such Bursary shall be taken bound to complete his curriculum for a degree in Arts or Science during the time he holds the Bursary, and thereafter to submit himself for examination for such degree. The other half of the Bursaries are to be awarded by competitive examination among those who have attended public or State-aided schools in Glasgow, and who require aid in obtaining a University education. They are tenable for four years. Forms of application may be had from the Secretary of the Board—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary at the general competition. In 1896 five Queen's Scholars and two other Bursars will be appointed.

Bursars—[1] John W. Fulton, 1892; [1] John Wotherspoon, 1892; William C. Dick, 1893; Robert Tennent, 1893; Samuel L. Fulton, 1893; Archibald Main, 1894; Ritchie Girvan, 1894; Mathew Geddes, 1895; James C. Pairman, 1895; David W. B. F. Campbell, 1895.

Queen's Scholars—[1] Duncan Cameron, 1894; [1] Allan Gibson, 1894; [1] William J. C. Helme, 1894; [1] William R. M'Cracken, 1894; [1] James L. Skilling, 1894; Fred. A. Watson, 1895; William M. Wightman, 1895; Peter Auchinachie, 1895; Thomas M'Michael, 1895; John J. Ross, 1895.

[1] Vacant through lapse of time.

George Grant Bursary (*Arts*).—Founded in 1885 by Miss Susan Smith Grant of West Thorn, Lauder Road, Edinburgh, in memory of her father, George Grant, Esq., cotton spinner, Mile-End, Glasgow. Miss Grant assigned and conveyed to the Senate the sum of £1,200 in trust, to be applied in all time coming for providing one Bursary in connection with the Faculty of Arts. Miss Grant retains the right of nomination to the Bursary during her lifetime, but has provided that in the event of her failing or declining to nominate, and in all cases after her death, the Bursar shall be determined by competitive examination of first year students who are entering on a three or four years' course of study, and the Bursary shall be tenable for three or four years accordingly. On the Bursary falling vacant otherwise than by lapse of time, an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar is required to graduate in Arts, and before payment of the second moiety of the last year's Bursary he must produce evidence that he has taken his degree, or that he has passed all the examinations necessary for graduation. Any accumulations from vacancies or otherwise are to be added to the capital sum.

Bursar—George Jeffrey, 1895.

George Grant, Junior, Bursary (*Arts*).—Founded in 1885 by Mrs. Agnes Grant or Mair, wife of the Rev. John Mair, D.D., minister of the parish of South Dean, Roxburghshire, in memory of her brother, the late George Grant, junior, cotton manufacturer, Mile-End, Glasgow. Mrs. Mair, with the advice and consent of her husband as her curator and administrator-in-law, and for his interest in the premises, assigned and disponed to the Senate the sum of £1,200 in trust, to be applied by them in all time coming for providing one Bursary in connection with the Faculty of Arts. Mrs. Mair reserves to herself during her lifetime, and thereafter to her husband, should he survive her, the right to nominate to the Bursary, and to fix the classes to be attended by the Bursar and the period of his tenure. After the death of the survivor the period of tenure of the Bursary is to be four years, and the Bursar is to be selected by competitive examination of first year's students. In the event of a vacancy occurring otherwise than by lapse of time an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar shall require to graduate in Arts, and before payment of the second moiety of the last year's Bursary shall produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. Any accumulations through vacancies or otherwise to be added to the capital sum.

Bursar—Daisy Annabella Bennett, 1894.

Hamilton Bursaries (*Three in Arts, and Three in Theology*).—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. They were regulated by Act of Parliament,

1758, and further regulated by Ordinance No. 96 of the Universities Commission (1889). There are three Hamilton Bursaries in the Faculty of Arts, and three in the Faculty of Divinity, and each of them is tenable for three years, and no longer. The bursars in the Faculty of Arts shall attend such classes qualifying for graduation in Arts, and in such order as may be approved by the Senate. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. The bursars in Arts receive £20, those in Divinity £25 per annum each, should the state of the funds permit. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September. (One vacancy in Arts and one in Theology.)

Bursars—William G. Cameron, 1891 (Divinity); David Swan, 1892 (Divinity); John K. Cameron, 1893 (Divinity); George L. Kerr, 1894 (Nat. Phil.).

Hamilton Educational Trust Bursaries (*Arts*).—Under scheme 39, section 28, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 13th May, 1887, the Governors of Hamilton Educational Trust are instructed to apply a sum, not less than £50 yearly, in providing University or Technical College Bursaries. These Bursaries, each of the yearly value of £15, and tenable for three years, are open to be competed for by pupils attending public or State-aided schools in the burgh and parish of Hamilton, who require aid in obtaining a University or higher education. Applications to be lodged with Patrick Keith, Esq., Hamilton, Clerk of the Trust, on or before the first day of September.

Bursars—[1] Robert J. T. Bell, 1893; John Anderson, 1895.

Hannay Bursaries (*Arts*).—Three in number, founded in 1865 by the late Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men, not under fourteen and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The principal qualifications of those to be selected are good moral character, promising talent, a fair preliminary education, and a want or deficiency in the necessary pecuniary means for pursuing a University education. Candidates for these Bursaries are required to submit themselves to the annual Bursary Examination at the commencement of the Winter Session of the University of Glasgow, or such other examination as the trustees may appoint; but the result of said examination shall only be taken as one of the tests in judging

[1] Vacant through lapse of time.

of the merits of the applicants. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow, and the President of the Faculty of Physicians and Surgeons in Glasgow. Applications to be made to Mr. Robert Brodie, 77 St. Vincent Street, and also to the Assistant Clerk (Matriculation Office) not later than 1st September.

Bursars—[1]John U. Ogilvy, 1893; James Faulds, 1894; John Hanson, 1895.

Hastie Bursaries (*One in Arts and Two in Theology*).—The Rev. Mr. Hastie, by Deed of Mortification dated 5th September, 1707, founded a Bursary for a student in this University, which was first awarded in 1718. By an addition afterwards made to the foundation, the number of Bursaries was increased to three, two in Divinity and one in Philosophy.

The Universities Commission (1858), in an Ordinance of date 31st May, 1862, made regulations for these Bursaries, and further regulations have been made by the Commissioners (1889) in Ordinance No. 90. There are now three Bursaries on this Foundation, each £25 in value—one in Arts and two in Theology. The Bursary in Arts is open by competition to all students entering on their first session of attendance in the Faculty of Arts, and is tenable for four years, but if a student graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first session of attendance in the Faculty of Divinity. They are tenable for three years, and no longer. In other respects the provisions of Ordinance No. 57 of the Universities Commission (1889) apply to all the Hastie Bursaries.

Bursar in Arts—Robert D. Bell, 1894.

Bursars in Theology—Alexander O. Taylor, M.A., 1894; Munro Somerville, 1895.

Glasgow Highland Society's Bursaries (*Fifteen in Arts and Five in Medicine*).—In 1892 the Managers of the Glasgow Highland Society framed a scheme of Scholarships and Bursaries for students of Highland descent. The scheme includes Scholarships tenable at Secondary or Technical Schools, and Bursaries tenable at the Glasgow and West of Scotland Technical College and at the University. The University Bursaries in Arts are fifteen in number, each of the annual value of £20, and tenable for four years in the Faculty of Arts, but the continuance of a Bursary in the second and subse-

[1] Vacant through lapse of time.

quent years is dependent on the character of the certificates obtained by a Bursar in his classes in the previous year. They are awarded by competition among students of the first year. The Bursaries in Medicine, each of the annual value of £25, are tenable for four years in the University, or any other College approved by the managers. Candidates must pass the preliminary examination of the College at which they desire to attend, and the managers reserve to themselves the right to appoint the most suitable. In 1896 there will probably be three Bursaries in Arts and one in Medicine open to competition. Secretary, R. Hope Robertson, Esq., 58 St. Vincent Street.

Bursars in Arts—[1] Archibald Anderson, 1892; [1] John M'Nab, 1892; [1] Robert Orr, 1892; [1] Neil Ross, 1892; Ebenezer H. Fraser, 1893; Charles M'Pherson, 1893; Gilbert Dick, 1893; Duncan Matheson, 1893; Hector W. Mackay, 1893; Charles Matheson, 1894; Walter Shaw, 1894; Alexander B. Mackay, 1895.

Bursars in Medicine—William Duncan, 1893; Daniel Morrison, 1893; Charles M'Lean, 1894; John M'Millan, 1894; Donald Douglas, 1895.

Howison and Gilchrist Bursary (*Arts*).—In 1613 the Rev. John Howison, Minister of Cambuslang, founded a Bursary for a qualified scholar of honest name and good report, son of a craftsman of Glasgow. Failing the son of a craftsman of Glasgow, any other qualified scholar might be selected by the Patrons. Mr. John Gilchrist, tailor in Glasgow, founded in 1700 a Bursary in Philosophy for a student, being the son of a tradesman freeman in the burgh of Glasgow, with a preference to the names Gilchrist, Bryce, and Boyd. By Ordinance No. 89 the Universities Commission (1889) combined these two Bursaries into one, called the Howison and Gilchrist Bursary. The Patrons are the Trades' House of Glasgow, and any person may be presented without restriction as to birth or preference as to name. The Bursary is tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary. Value £17 per annum. (Vacant.)

Hutchesons' Educational Trust Bursaries.—Under Scheme 9, Section 40, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 5th March, 1885, the Governors of Hutchesons' Educational Trust are instructed to apply an annual sum of not less than £400 in establishing University or Technical College Bursaries. These Bursaries, each of the yearly value of £20, and tenable for four years, are open to be "competed

[1] Vacant through lapse of time.

for by boys who have attended not less than two sessions in the Secondary Department of Hutchesons' Grammar School." Forms of application may be had from the Secretary of the Trust—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the first day of September in each year. The names of candidates who are found to possess the prescribed qualification will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in the order of merit who fail to win a Bursary at the general competition. In 1896 five Bursars will be appointed.

Bursars—[1] John M. Stewart, 1892; [1] Robert Howie, 1892; John Brash, 1893; Robert F. Ballantyne, 1893; John Edgar, 1893; Thomas M'Laren, 1893; William Marshall, 1894; William G. Burn, 1894; James H. Macdonald, 1894; Roderick G. Macdonald, 1894; Matthew Hunter, 1894; George Arthur, 1895; William L. Thompson, 1895; Jacob Mains, 1895; Archibald S. Wilson, 1895; Hugh P. Wright, 1895.

Thomas Hutcheson Bursary (*Theology, Law, or Medicine*).—This Bursary, formerly known as the Old Library Bursary, was founded by Mr. Thomas Hutcheson of Lambhill in 1641. Preference was given to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow. Ordinance No. 83 of the Universities Commission (1889) prescribes that the Bursary shall be called the Thomas Hutcheson Bursary, and that it shall be lawful for the Patrons to appoint to it, without preference as to name or birth, any Master of Arts who is entering on his course of study in any one of the Faculties of Divinity, Law, or Medicine. The Bursary is tenable for four years, but if a bursar in Divinity graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Value £11 2s. 2¾d. per annum.

Bursar—Alexander S. Wells, M.A., 1895.

Hyndford and Ross Bursary (*Arts*).—In 1617 Mr. Michael Wilson founded a Bursary, called the Hyndford Bursary, for a student in Philosophy. The right of presentation belonged to the representative of Sir James Carmichael, viz., Sir W. C. Anstruther, Bart. In 1659 Captain William Ross of Rosseyle founded the Ross Bursary for a student in Languages and Philosophy. The appointment was vested in the Earl of Glasgow. By Ordinance No. 95 of the Universities Commission (1889), these two Bursaries were combined into one, to be called the Hyndford and Ross Bursary. It is tenable for four years, but if the bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year

[1] Vacant through lapse of time.

of tenure if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The patronage of the Bursary is vested in Sir W. C. Anstruther, Bart., and his heirs, and the Earl of Glasgow and his heirs, who exercise their right of presentation by turns, beginning with the former. In other respects the provisions of Ordinance No. 57 apply to the Bursary. Value £10 16s. 8d. (Vacant. Appointment by Sir W. C. Austruther, Bart.).

John Ferguson Jaffrey Bursary in Mental Philosophy (*Arts*).—This Bursary, founded in 1877, is of the annual value of £34, and shall be awarded to a student on entering the third session of his attendance, *i.e.* a student who has attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who having passed the Preliminary Examination in Humanity and Greek, has attended for one session the higher classes in those subjects, and who proposes to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The examiners are the Professors of English Literature, Logic, and Moral Philosophy. The Bursary shall, as a rule, be tenable for two years, but on condition that the Bursar, during the two years of his tenure, shall complete his attendance on the classes of Logic, Moral Philosophy, and English Literature, and shall also attend one at least of the advanced classes taught by the Professors of Logic and Moral Philosophy, and shall pass the examinations in Logic, Moral Philosophy, and English Literature for graduation in Arts. The subjects of examination are—1. *Logic*: (*a*) Descartes, *Meditations*, (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the pre-Socratic period; 2. *English Literature*: (*a*) Shakespeare, *As You Like It*; (*b*) Tennyson, *Idylls of the King*. Candidates are not expected to deal with questions of textual criticism on either of the works in English Literature.

Bursar—William J. Saull, 1895.

Malcolm Kerr Bursaries (*Science, etc.*).—Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, stationer in Glasgow. One of the Bursaries is in Natural Philosophy, the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural

Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A., with Second Class Honours; and in Chemistry, the same as those for the Final Science Examination for B.Sc. Present value, £15 to each Bursar. The next appointment in Chemistry will be made in 1896.

King William's Bursaries (*Two in Arts and Two in Theology*).—These Bursaries, founded by His Majesty King William III. in 1695, were formerly six in number and known as the Exchequer Bursaries. They were tenable for six years—the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. The bursars in Philosophy received £10 per annum each, and those in Divinity £13 6s. 8d. The Foundation was regulated by Act of Parliament, 1758. By Ordinance No. 99 the Universities Commission (1889) altered the conditions and directions affecting the Foundation, making two Bursaries in the Faculty of Arts each of the annual value of £15, and two in the Faculty of Divinity each of the annual value of £20. Each of the Bursaries is tenable for three years, and no longer. The Bursaries in Arts are open by competition to all students entering on their first year of attendance on a course of study for graduation in Arts. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study for graduation in Divinity. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. (One vacancy in Arts and one in Theology.)

The Kintyre (Ker) Bursary (*Any Faculty*).—This Bursary, founded in 1862 by Robert Ker, Esq., of Auchinraith, merchant in Glasgow, originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

The Office-bearers of the Kintyre Club were appointed Patrons. By the Deed of Mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Applicants must be connected with Kintyre, and be entering the University for the first time. When a vacancy occurs application should be lodged with the Honorary Secretary of the Kintyre

Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow, on or before 10th June.

Bursar—John Girvan, 1893.

The Kintyre (Alexander Love) Bursary (*Any Faculty*).—This Bursary was founded in 1890 by the family of the late Alexander Love of Campbeltown. It consists of the free proceeds of a sum of £300 sterling—about £11—and is administered by the Office-bearers of the Kintyre Club. The Bursar must be a native or the son of a native of Kintyre, or actually resident there, and entering upon his first session at the University. His circumstances must be such as to render aid important. The period of tenure is not to exceed four years. When a vacancy occurs application should be made to the Hon. Sec. of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow.

Bursar—William Robertson, 1895.

Laing Bursary or Bursaries (*Arts*).—The late Alexander Laing, LL.D., some time Professor of Mathematics in Anderson's College, Glasgow, who died in 1882, bequeathed to trustees the sum of £500 to found one or two Bursaries in the Faculty of Arts. The trustees by a deed dated 26th July, 1883, conveyed to the Senate the sum of £500 of the preference 4 per cent. stock of the Glasgow and South-Western Railway Company, under certain conditions and regulations. The foundation is for providing, in the option of the Senate, one Bursary of £20, or two of £10 each. The Bursary is open to competition to all students entering on their first session in the Faculty of Arts (a preference being given, *ceteris paribus*, to natives of Brechin). The period of tenure is three years. Should the Bursary become vacant otherwise than by lapse of time, the income of the fund during the vacancy is to be added to capital.

Bursar—[1]John J. Ross, 1893.

James Laing Bursaries (*Arts*).—Founded in 1892, under the Trust Disposition and Settlement of Mr. James Laing, Writer, Denny. So far as the funds admit, the Trustee appoints annually to two Bursaries, each of the annual value of £25, and tenable for four years. They are open to candidates who have been educated for at least three years in any school or schools in the County (including the Burgh) of Stirling, and who are entering upon their first or second year of study in the University of Glasgow. Applications with certificates of qualification and good conduct from the teacher or teachers under whom candidates have been educated, should be lodged with Mr. William Jenkins, Writer, Denny, not later than 1st September. The names of candidates who are found qualified will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries. Failing

[1] Vacant through lapse of time.

candidates qualified as above, the Bursaries are open to competition to students of the first or second year from any part of Scotland. (Two vacancies.)

Bursars—[1] James C. Saunders, 1892; William Phillips, 1893; William Thomson, 1893; David Bain, 1894; Peter Auchinachie, 1894; James R. Archibald, 1895; Michael Gavin, 1895.

Lamb Bursary (*Arts or Theology*).—Founded in 1863 by the late Rev. Dr. William Lamb, minister of Carmichael, and appropriated to a student in Arts or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael. The preference to applicants in the parish of Carmichael or Pettinain, and the restriction to applicants from the Presbytery of Lanark, were cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, about £12 per annum.

Bursar—[1] Andrew S. Gilchrist, 1893.

Leadbetter Bursary (*Arts*).—This Bursary was founded in 1855 by Mr. John Leadbetter, merchant, Glasgow. It was made tenable for four years, and the classes to be attended by the Bursar in each of the four years were prescribed. A preference was given to boys who had attended the five years' Classical Course of the High School of Glasgow. Patrons—The Lord Provost and Magistrates. Ordinance No. 88 of the Universities Commission (1889) empowers the Patrons to present to the Bursary any person who has completed the five years' Classical course of the High School of Glasgow, whom failing, any person, without restriction as to parentage, who has received a similar classical education elsewhere. The Bursar must attend the Latin and Greek classes in the University during at least one year, and thereafter continue a course of study in the University necessary for the Degree of Master of Arts. The Bursary is tenable for four years, but if the holder graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary.

Bursar—John Ferguson, 1895.

Archbishop Leighton Bursary (*Arts and Theology alternately*).—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries, which were tenable for four years in Philosophy, and two or three years in Divinity. By Ordinance No. 86 of the Universities Commissioners (1889), the two Bursaries were combined into one of the annual value of £18, to be called the Archbishop Leighton Bursary. An appointment is made of a Bursar in the Faculty of Arts, and at the end of his period of tenure an appoint-

[1] Vacant—Bursar's course finished.

ment in the Faculty of Divinity, and so on alternately, the period of tenure in each case being three years, and a person who has held the Bursary in Arts being eligible for appointment also in Divinity. The provisions of Ordinance No. 57 apply to this Bursary. When a vacancy occurs, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar.

Bursar—William Stratton (Arts), 1895.

John Leyden Bursary (*Arts*).—Founded in 1879 by the Glasgow Border Counties Association in memory of John Leyden, poet and scholar. The Fund consists of the sum of £429 3s. 8d. raised by subscription. The Bursary is open to free competition under the same regulations as the competition Bursaries in the University. Tenable for three years. The holder to pass through the Arts course, and at the termination thereof to take the Degree of M.A. (Vacant.)

James Lochhead Bursary (*Arts*).—Founded in 1886 in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £500 for that purpose, in memory of her brother, who died in Ohio. A preference is given to students of the name of Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. The Bursary is tenable for three years in the Faculty of Arts.

Bursar—David K. Picken.

Lochhead and Mitchell Bursaries (*Arts*).—Two in number and of equal value, founded in 1886, in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £2,000 (free of legacy duty) for that purpose. A preference is given to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. They are tenable for four years in the Faculty of Arts.

Bursars—[1] James D. Mitchell, 1892; [2] James A. Mitchell, 1895.

Logan Bursaries (*One in Theology and One in Medicine*).—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, tinsmith in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. The preference to the names Logan and Johnstone was cancelled by Ordinance No. 57 of the Universities Commission (1889). The value of each is £16 per annum. Appointment by the Senate.

Bursar in Theology—[1] John G. Cranmer, 1893.

Bursar in Medicine—Alexander D. Thompson, 1893.

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

Lorimer Bursaries (*Four in Theology, Four in Medicine, and Eight in Arts*).—By Trust Disposition and Settlement of date 17th October, 1872, the late Mr. John Lorimer, merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, amounting to the sum of £8,594 5s. 5½d., the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects :—1, Theology ; 2, Medicine ; 3, Philosophy ; 4, Mathematics ; and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects.

The following regulations have been adopted by the Senate :—

1. The Bursaries shall be sixteen in number—namely, eight of the annual value of £25, and eight of the annual value of £20, and shall be tenable for three years.

2. Four Bursaries—viz., two at £25, and two at £20 shall be held by Students of Theology, and shall be open to competition to students entering the Divinity Hall. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the degree of B.D.

3. Four Bursaries—viz., two at £25, and two at £20, shall be held by Students of Medicine, and shall be open to competition to students who have attended the first session of their professional study in the University of Glasgow. The subjects of examination, which shall be prescribed by the Medical Faculty, are Elementary Anatomy, Elementary Chemistry, and Botany. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed his Third Professional Examination for the degree of M.B.

4. Four Bursaries—viz., two at £25, and two at £20, shall be open for competition to students who, having passed their whole Preliminary Examination, are entering on their second session of attendance, and who propose to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates shall be examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners shall be the Professors of English Literature, Logic, and Moral Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment, he must enter one or more of the classes of English Literature, Logic, and Moral Philosophy, and in the course of his tenure of his Bursary must attend, besides the above classes, one or more of the Honours classes in Logic and Moral Philosophy. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed examinations in Logic, Moral Philosophy, and English for graduation in Arts.

5. Four Bursaries—viz., two at £25, and two at £20, shall be open for competition to students who, having passed the whole Preliminary Examination, are entering on their second session of attendance. Candidates shall be examined in such subjects in Mathematics as may be fixed by the Senate. The Examiners shall be the Professors of Mathematics and Natural Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment he must enter the class of Mathematics, and prosecute the course of study required for passing the Honours examinations in Mathematics and Natural Philosophy for a Degree in Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in Mathematics and Natural Philosophy for graduation in Arts.

In session 1896-97 eight of the above £20 Bursaries will be open to competition—viz., two in Theology, two in Medicine, two in Philosophy, and two in Mathematics. The Bursaries in Theology will be decided by the results in the general competition for Bursaries in Theology. The competition for the Bursaries in Medicine will be held along with the examinations for the Rainy Bursary. For the Bursaries in Philosophy the subjects of examination will be those prescribed for the John Ferguson Jaffrey Bursary (see p. 251), and the examination will take place along with the Autumn examinations for M.A. in English and Logic. The examination for the Bursaries in Mathematics will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

Bursars in Theology—[1] Andrew S. Gilchrist, 1893; [1] Hugh T. S. Morrison, 1893; Walter G. Forsyth, 1894; John S. Thomson, 1895.

Bursars in Medicine—[1] William G. Liston, 1893; [1] James Alston, 1893; David S. Harvey, 1894.

Bursars in Arts—[1] Hyam Goodman (Phil.), 1893; [1] Thomas F. Kinloch (Phil.), 1893; [1] John Miller (Math.), 1893; [1] Adam B. Stewart (Math.), 1893; James Johnston (Phil.), 1894; James E. Henderson (Math.), 1894; Duncan Mackenzie (Phil.), 1895; Peter Lowe (Math.), 1895.

Lumsden Bursary (*Theology*).—This Bursary was founded in 1850, by Mr. James Lumsden, stationer, Glasgow. Value, £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. The Patrons, viz., the Principal, the Professors of Divinity, Hebrew, and Church History, and the President of the Stationers' Company —have resolved that when no candidate with a preferential claim

[1] Vacant through lapse of time.

applies for the Bursary it shall be awarded in accordance with the results of the competition for Bursaries in Theology.

Bursar—Gillespie Campbell, 1894.

Lusk Bursary (*Arts*).—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for "a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland," "and who may, on public examination or competition, be found to be best qualified and most deserving." The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year. Value, £20 per annum.

Bursar—Robert Aitken, 1894.

Macarthur Bursary (*Medicine*).—Founded in 1881 by Miss Jean Macarthur, in memory of her uncle, John Macarthur, Doctor of Medicine in Glasgow. The Bursary consists of the annual proceeds of £500. The administration is vested in a Committee appointed annually by the Faculty of Physicians and Surgeons of Glasgow. The Bursary must be held by a student prosecuting the study of Medicine in the University of Glasgow. Under the rules laid down by the Committee, applicants must have completed two winter sessions of medical study. Preference will be given to applicants who have taken one or more First Class Certificates in the Medical Classes. The Bursary is tenable for two years.

Application to be made prior to 15th April to Mr. Alexander Duncan, Faculty Hall, 242 St. Vincent Street, Glasgow, who will furnish forms of application.

Bursar—Archibald Jubb, 1895.

M'Crie Bursaries (*Arts*).—These Bursaries were founded by the Rev. James M'Crie, D.D., of Dangart, Senior Minister of the U.P. Congregation of Old Meldrum, in the County of Aberdeen. They are of the annual value of £25, tenable for four years, provided the holder passes a prescribed examination at the commencement of each session and complies with the other conditions mentioned in the Deed of Foundation. The Bursary fund consists of certain lands in the parish of Colmonell and other heritable and movable property mortified for the purpose and vested in the Magistrates and Town Council of Ayr. The candidates must have been born in the parishes of Ballantrae, Colmonell, Barr, Girvan, Ayr, Old Meldrum, Tarves, Daviot or Bourtie, or in the City of Aberdeen, or in the Town of Ayr. The students must also be the sons either of mechanics, or of cottars, or of farmers not paying more than £100

of yearly rent, or of ministers not having more than £130 of yearly income, without respect to religious sect or denomination. Candidates of the names of M'Crie, Forsyth, M'Cracken, or Spark, are to have a preference if otherwise deserving. The Bursaries may be held along with other Bursaries. Three of the Bursaries on this foundation will be competed for in October next, and the examination will be held in Ayr. Candidates will be examined on the following subjects :—Classics : Latin, Greek. Mathematics : Arithmetic, Algebra, up to and including simple equations, Euclid, Books I. to III. English : Composition, Geography, and History of Scotland. Candidates must send their names and addresses to A. G. Young, Esq., Town Clerk, Ayr, not later than 1st October, 1896.

James Melville M'Culloch Bursary (*Arts*).—Founded in 1885 in memory of the late Rev. James Melville M'Culloch, D.D., minister of the West Parish, Greenock. It consists of the free annual income of about £400. It is open to competition to students of the first year in the Faculty of Arts, who shall have been educated for not less than three years at any school or schools in Greenock. Tenable for four years, the Bursar attending the qualifying course for the Degree in Arts. The second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations required for the Degree of Master of Arts. In the event of a vacancy occurring otherwise than by lapse of time, the Senate may appoint a student of the same standing qualified in like manner, or may arrange a new competition. *Bursar*—John C. Russell, 1895.

Macdonald Bursaries (*Arts, Law, or Medicine*).—Two in number, founded in 1882, in terms of the Trust Disposition and Settlement of Mr. Alexander Macdonald, M.P., who bequeathed to the University £1,000 for the purpose of assisting students in a course of purely secular education. The Bursaries are equal in value and tenable for four years in Arts, Law, or Medicine. Only miners under the age of twenty-one years, who have worked underground in any part of the United Kingdom, are eligible as candidates. The Bursaries are awarded in accordance with the results of an examination in general knowledge, particularly in writing, arithmetic, geography, grammar, and history. (Two vacancies.)

John and Isabella Macdougall Bursaries (*Arts*).—Founded in 1884, under the Trust Disposition and Deed of Settlement of Miss Isabella Macdougall, Perth. Miss Macdougall directed her Trustees to devote the residue of her means and estate to the foundation and endowment of one or more Bursaries, payable to students born in the county or city of Perth, attending the classes in the Faculty of Arts, in the Universities of Edinburgh, Glasgow, and St. Andrews. The Bursaries are of the annual value of about £33, and are tenable

for a period not exceeding three years. The Trustees are the Patrons. The candidates, who may be of any religious denomination, must undergo an examination by examiners appointed by the trustees. The Bursaries are open to students who are either (1) about to enter on their first session, and who shall pass the Preliminary Examination in Arts, or (2) who have already attended the junior classes for one session. A vacancy occurring otherwise than by lapse of time may be filled up by the appointment, after examination, of a student of equal standing with the retiring Bursar. It is not competent for any person to hold any of these Bursaries along with any other Bursary or appointment yielding to him an annual income of fifty pounds or upwards. The Trustees are the following ministers in Perth, viz.:—The Rev. Wm. G. H. Carmichael, East Church Parish; the Rev. Archd. Fleming, St. Paul's Church Parish; the Rev. Peter R. Landreth, West Church Parish; the Rev. William Main, Middle Church Parish; and their successors in office for the time being, and Mr. Wm. Cochrane Young, solicitor in Perth. Candidates are requested to send in their names and addresses to Mr. Young, 9 St. John Street, Perth, on or before 1st September. (One vacancy.)

Bursars—[1] William S. Mackenzie, 1893; Robert B. Young, 1894; Thomas Pullar, 1894.

Malcolm M'Ewen Bursary (*Arts or Science*).—Mr. William M'Ewen, tobacco manufacturer, Glasgow, who died on 16th December, 1878, by his Trust Disposition and Settlement dated 28th November, 1878, directed his trustees, Mr. James Boyd, writer, Glasgow, and others, to devote a sum of £500 to the foundation of a Bursary in the University of Glasgow, to be called the "Malcolm M'Ewen Bursary," in memory of his brother, Mr. Malcolm M'Ewen, who died on 16th January, 1878. The Bursary was founded in 1884. After consultation with the Senate, the Trustees resolved that the regulations for the Bursary should be as follows:—The Bursary is open to competition at the annual Bursary Examination to all students entering on the first session of attendance at the University, is awarded by the Senate in accordance with the results of that examination, and is tenable for four years. The Bursar on his appointment must elect to follow either the course of study qualifying for the Degree of M.A., or the course of study qualifying for the Degree of B.Sc., and must attend at least two classes each winter session. The Bursary is payable by equal moieties on the second day of February, and at the close of the winter session, but the second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations for the Degree appropriate to the course of study chosen by him at the beginning of his tenure of the Bursary. A vacancy occurring otherwise than by

[1] Vacant through lapse of time.

lapse of time may, in the discretion of the Trustees, either be filled up at the first term thereafter, or not till the usual term at which the competition for the Bursary would, in ordinary course, have fallen due, and, in the latter event, accumulations from this source are to be added to the capital fund.

Bursar—Thomas Paterson, 1895.

James Macfarlane Bursary (*Theology*).—Miss Helen Macfarlane, who died on 12th March, 1886, by a Codicil dated 15th August, 1882, to her Trust Disposition and Settlement, directed her Trustees to hand over to the Senate the Portrait of her late brother, Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and the sum of £1,000 free of legacy duty for the foundation of a Bursary in the Faculty of Theology, in memory of her brother, the Rev. Dr. James Macfarlane, minister of Duddingston. Preference to the name Macfarlane. The competition is open to Divinity students of the first year, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts. The Bursary is tenable for three years, but in the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

Bursar—David G. Webster, M.A., 1894.

John Macfarlane Bursary (*Medicine*).—Founded in 1874 by the brothers and sister of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and to his memory. Patrons—The Medical Faculty. Value, about £40. Tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow. The Examination will be held at the close of the first session of professional study. The subjects of Examination to be prescribed by the Patrons; and the success of the candidates in the examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, to be applied to establish a "Macfarlane Prize" in the Class of Practice of Medicine. The subjects of Examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

Bursar—[1] George Clark, 1893.

Robert Macfarlane Bursaries.—By a Mutual Trust Disposition and Settlement of date 7th January, 1888, Miss Mary Ann and Miss Margaret Macfarlane directed their Trustees to make over to the Senate of the University of Glasgow a sum of £3,000 for the

[1] Vacant through lapse of time.

foundation of Bursaries in memory of their brother, Robert Macfarlane, Writer, Paisley, out of the estate bequeathed by him to them. The Bursaries are to be given to deserving students at the University of Glasgow looking forward to being lawyers, specially including students in the Law Classes, preference being given to young men connected with Paisley.

MacGrouther Bursaries (*Arts*).—Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years; subject in each case to the condition that the Bursar shall pass the examinations required of students proceeding to the Degree of M.A.

Bursars—Charles G. M'Ilravey, £20, 1895; William G. Macalister, £15, 1895.

Mackintosh Mental Science Bursary (*Medicine*).—Founded in 1889 by Dr. Donald Mackintosh of London, in memory of his brother, Dr. Alexander Mackintosh, for many years superintendent of the Royal Lunatic Asylum, Gartnavel. Value, about £30. Tenable for one year. The competition is open to matriculated students of medicine who have attended the Lectures on Insanity in the University, and will be awarded in accordance with the results of an examination conducted in June by the Professor of Practice of Medicine and the Lecturer on Insanity acting conjointly. The holder of the Bursary shall, while holding it, devote special attention to the practical study of Insanity to the satisfaction of the Faculty of Medicine.

Bursar—John S. M'Kendrick, 1895.

M'Kechnie Bursaries (*Any Faculty*).—Two in number, founded by the Disposition and Trust Settlement of the late Thomas M'Kechnie, merchant in Girvan, who bequeathed for that purpose the sum of £2,000 to the Minister of the Established Church in Girvan, the Magistrates of Girvan, and others, and appointed them patrons of the Bursaries. The Patrons, in nominating and presenting students to the Bursaries, are instructed to prefer, in the first place, such as are of the founder's kindred; secondly, such as are of the name of M'Kechnie; and thirdly, such as were born in the parish of Girvan, provided that such students are properly qualified

by their previous education for entering the University of Glasgow. Failing candidates qualified as above, the Bursaries are to be awarded to those who shall be found best qualified and deserving. The Bursaries are tenable for four years. When a vacancy occurs application should be made to Messrs. W. and D. Andrews, solicitors, Girvan, not later than 31st August.

Bursars—James MacGregor, (Arts), 1895; Alexander Birch, (Med.), 1895.

Maitland Club Bursary.—In 1888 Dr. W. H. Hill and Mr. J. Wyllie Guild, the then surviving members of Council of the Maitland Club, disposed of the remainder of the stock of the Maitland Club publications, and in pursuance of resolutions passed at meetings of the Council held on 3rd and 17th August, 1870, handed over the proceeds (£140) to the Senate for Bursary purposes. The free income is to be annually bestowed without any competitive examination on such student as the Senate may consider deserving. No appointment will be made until the free annual income amounts to £5.

Marshall Bursaries (*One in Theology and One in Medicine*).—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, wholesale stationer, Bell Street, Glasgow, by her Will dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided "that the Principal and the Professors shall nominate and appoint such students only to the said Bursaries as they shall find, on such examination as they may appoint, to be properly qualified for entering upon the study of Divinity and Medicine at the said University." Present value, £17 per annum to each Bursar.

Bursar in Theology—[1] Allan M. Nelson, 1893.

Bursar in Medicine—[2] James M'Queen, M.A., 1892.

Marshall Trust Bursaries (*Arts*).—Under scheme 198, section 29, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 17th March, 1888, the Governors of the Marshall Trust are instructed to apply (1) a sum not exceeding £300 per annum in providing University Bursaries. These Bursaries are awarded by competitive examination among pupils of either sex who have held free scholarships or school bursaries under the scheme, and pupils of either sex who are resident and attending public or State-aided schools in Lanarkshire or Stirlingshire, whose parents or guardians are of the class specified in section 25 of the scheme. The Governors may apply (2) a further sum of £300 per annum in providing similar Bursaries to be

[1] Bursar's course finished. [2] Vacant through lapse of time.

awarded solely to pupils who have held free scholarships under the scheme, who shall have competed for but failed to obtain any of the first mentioned Bursaries, but on condition that such free scholars shall pass the examination prescribed by the Governors. Each Bursary is £30 per annum, and is tenable for not more than five years. Forms of application may be obtained from the Secretary of the Trust—Mr. William Mitchell, 134 Wellington Street, Glasgow—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for students of the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary in the general competition. Under (1) there are two vacancies, and under (2) there are also two vacancies.

Bursars—Adam B. Stewart, 1892; David Preston, 1892; James B. Wilson, 1892; John Reid, 1892; Alexander Fraser, 1893; John A. C. Mackellar, 1893; William Scott, 1893; Leonard Stuart, 1893; Harry Diamond, 1894; Thomas Steele, 1894; Gregor Macgregor, 1894; Alexander Brown, 1894; Thomas R. Rodger, 1895; John Fulton, 1895; Robert S. Hamilton, 1895; George Galbraith, 1895.

Menzies Bursaries (*Arts*).—The late Mr. James Menzies, of Glasgow, by his Will, dated 3rd November, 1837, left a sum of money to establish four Bursaries at either of the Universities of Edinburgh, Glasgow, or St. Andrews, tenable for four years, one to be given each year. The value of each Bursary is £45 per annum, but varies at the discretion of the Patrons. The Patrons are Sir Robert Menzies, Bart., of Menzies, and the Parish ministers of Dull, Weem, and Fortingall. In the first place, the kindred of the Testator; secondly, persons of the name of Menzies; thirdly, those born on the Menzies estates, will be preferred—provided always that they shall be found properly qualified by previous education; and failing these, the Patrons can present such as shall be found best qualified after due examination. The following are the subjects of examination:—*English*, Reading and Writing from Dictation; *Arithmetic*, as far as Decimal Fractions; *Euclid*, first three books; *Latin*, Caesar de Bello Gallico, first four books, and to translate a piece from English into Latin; *Greek*, Xenophon's Anabasis, first three books. Bursars to attend in some one of the above Universities the classes in their regular order for the M.A. Degree. Candidates are requested to send their names to Mr. Hugh Campbell, Camserney Cottage, Aberfeldy, on or before 20th September. (One vacancy.)

Bursars—[1] Archibald Menzies, 1892; William Menzies, 1895 (1893); Alan W. C. Menzies, 1894; Tom A. Menzies, 1895.

[1] Vacant through lapse of time.

MERCHANTS' HOUSE BURSARIES (*One in Arts, One in Law, and Two in Medicine*).—Founded in 1879 by the Merchants' House of Glasgow. The Bursaries are of the annual value of £25 each, and are four in number—viz., two in Medicine, one in Arts, which may also be held in Engineering and Mechanics, and one in Law, tenable by students attending the requisite classes in the above Faculties, with a preference to the sons of matriculated members of the Merchants' House, and such others as the Lord Dean and Directors may deem deserving. 1. The Bursaries in Medicine are tenable for four years. Candidates must be entering on their first winter session of attendance on the ordinary curriculum for Medical Students. 2. The Bursary in Arts, or in Engineering and Mechanics, is tenable for four years. Candidates must be entering on their first session of study, and must attend each session two at least of the classes in the Arts curriculum, including, at the option of the candidate, the class of Civil Engineering and Mechanics. 3. The Bursary in Law is tenable for three years. Candidates must be entering on their first session of attendance on the classes in the Faculty of Law, and must give regular attendance for the three years on classes in that Faculty. The subjects of examination for the Bursaries in Medicine are the subjects of the Medical Preliminary Examination, and for the Bursaries in Arts and Law are those prescribed for the General Bursary Competition, special importance being given in the examination for the Arts Bursary to the subject of Mathematics. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September, 1896.

Bursar in Arts—Hugh R. Buchanan, 1894.

Bursar in Law—[1]Alfred J. Fleming, 1893.

Bursars in Medicine—[1] Walter S. Findlay, 1892; Edgar W. Sharp, 1895.

METCALFE BURSARIES (*Science*).—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her Deed of Settlement and Codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, "for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry, and Civil Engineering." Mr. Metcalfe died on 25th January, 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see Index), at least two Metcalfe Bursaries or Scholarships, each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy and Chemistry; two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathe-

[1] Vacant through lapse of time.

matics, including the elements of Plane Trigonometry, of Mechanics, and of Theoretical Astronomy, from among matriculated students entering the Intermediate Honours class of Mathematics, or the class of Chemistry.

Bursars—[1] William H. F. Murdoch, 1895 ; James Paton, 1895.

MITCHELL (See Lochhead and Mitchell, p. 255).

MONTEITH BURSARIES (*Arts*).—Founded in 1869 by Mr. James Monteith of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £14, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1896-97 a regular three years' Bursary will be competed for, the examination being in German.

Bursars—Alexander Smith (German), 1894 ; Robert W. M'Gill (French), 1895.

JOHN MONTEITH BURSARIES (*Medicine*).—Founded in 1884 by Mrs. Helen Monteith, Greenbank, Dowanhill Gardens, Glasgow, in memory of her husband, the late John Monteith. Mrs. Monteith assigned the sum of £1,000 to Dr. John Gray M'Kendrick, Professor of the Institutes of Medicine, Dr. James Duncan M'Laren, Fellow of the Faculty of Physicians and Surgeons in Glasgow, James Graham, LL.D., writer, Glasgow, and Robert Monteith, her adopted son, as trustees, in the first instance, for the administration of the fund. The annual income after payment of the expenses of administration is to be awarded as two Bursaries to students who have attended the first and second sessions of their professional studies in the University of Glasgow with a view to Graduation in Medicine in that University. The Bursaries are tenable for two years. One Bursary is awarded annually in the month of November, and is given to the candidate who gains the highest number of marks in the subjects of Anatomy and Physiology at the Professional Examinations in these subjects held during the previous year (*i.e.* the April and October preceding said month of November). The founder has directed that it be represented to the holders of the Bursaries that they should feel themselves in honour bound after graduation to render professional assistance to the poor as much as may lie in their power.

Bursars—[2] Alexander Scott, 1894 ; Thomas Hunter, M.A., 1895.

[1] Vacant by resignation.

[2] Vacant through lapse of time.

Morgan Bursaries (*Arts and Theology*).—Mr. John Morgan, West India Merchant, who died at Springfield House, Bishopbriggs, on 4th May, 1894, in his Trust Disposition and Settlement directed the Merchants' House to pay over half-yearly to the Presbytery of Glasgow one third of the net revenue of his estate to be applied in providing Bursaries for students in the University of Glasgow intending to become ministers of the Church of Scotland, one third to students in Divinity and two thirds to students in Arts. The students in Arts must be under twenty years of age, and must have passed the Preliminary Examination. The appointments are made for one year only, but may be renewed from year to year for one or more years. No Morgan Bursary shall exceed £20 a year. The holder of another Bursary of £20 or upwards cannot be appointed to a Morgan Bursary, but the holder of a Bursary of less than £20 may be appointed to a Morgan Bursary of such value that the two Bursaries together shall not exceed £20. Further particulars and schedules to be filled up by applicants may be obtained from the Presbytery Clerk.

Muir Bursaries (*Two in Arts or Science, Two in Science, and One in Theology*).—Founded in 1880, in terms of the Trust Disposition and Settlement and Codicil thereto of the late Mr. Matthew A. Muir, merchant in Glasgow, who bequeathed to the Senatus Academicus of Glasgow University, free of legacy duty, the sum of £1,000 for providing a Bursary in connection with the Chair of Divinity, to be awarded to a student of Divinity during the last three years of his curriculum ; a sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Mathematics, to be awarded to advanced students in Mathematics, the period of tenure to be fixed by the Senate ; and a further sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Civil Engineering and Mechanics, to be awarded to advanced students of Engineering and Mechanics, the period of tenure to be fixed by the Senate. Any of the Muir Bursaries in Mathematics and Civil Engineering may be held along with another Bursary.

The following rules and regulations have, in accordance with the provisions of the Deed, been sanctioned by Mr. Muir's trustees, and are to be observed in all time coming :—

1. *Muir Bursary in Divinity.*—Candidates must be entering on their first session in Theology in the University, and the appointment to the Bursary shall be determined by the result of the annual competitive examination for Bursaries in Theology. The competition shall be open to candidates holding a Degree in Arts in any Scottish University, or who have passed their examinations in four subjects taken out of at least two departments for graduation in Arts. The Bursary shall be tenable for three years, but the second moiety

of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the Degree of Bachelor of Divinity.

2. *Muir Bursaries in Mathematics.*—Two in number, of which the Junior Bursary shall be tenable for two years, and the Senior Bursary for one year, the former being of half the annual value of the latter. The appointment shall be determined by the proficiency shown by the candidates in the earlier part of their Mathematical course, and the successful candidates shall prosecute the study of the Higher Mathematics during their tenure of the Bursaries. No candidate shall be allowed to hold both Bursaries at the same time. Should the Junior Bursary be resigned by the Bursar at the end of his first year of tenure, the Senate may make an appointment for the remainder of the period.

3. *Muir Bursaries in Civil Engineering and Mechanics.*—Two in number, and of equal value. The appointments shall be determined by the proficiency shown by the candidates in the earlier part of their Engineering course. The period of tenure for each Bursary shall be the session of attendance on the Senior Class of Civil Engineering and Mechanics (Class IV.). Should a vacancy occur by reason of non-attendance of a selected candidate, the Senate may make an appointment for the remainder of the period. No candidate shall be allowed to hold both Bursaries.

4. The Senate reserve the right to withhold the Bursary in any case in which a satisfactory standard has not been attained by any of the competitors.

5. Arrangements for carrying out these rules and regulations shall from time to time be made by the Senate, and notice thereof shall be published in the *University Calendar*.

Arrangements for Session 1896-97.—*Muir Bursaries in Mathematics.*—The appointment to the Junior Bursary, tenable during sessions 1897-98, 1898-99, shall be determined by the results of the written examinations passed in the course of the session 1896-97 by the public students of the Second Class of Mathematics. The successful candidate shall, during session 1897-98, attend the Intermediate Honours Class, and during session 1898-99 the Advanced Honours Class of Mathematics. The appointment to the Senior Bursary, tenable during session 1897-98, shall be determined by the results of the written examinations passed in the course of the session 1896-97 by the public students of the Intermediate Honours Class. The successful candidate shall, during 1897-98, attend the Advanced Honours Mathematical class.

Muir Bursaries in Civil Engineering and Mechanics.—Candidates for the Bursaries tenable during session 1897-98 must be (*a*) students attending during session 1896-97 Engineering Class II., who are also attending or have in a previous session attended the Junior or the Senior Class of Engineering Drawing and Calculations, or

(*b*) students attending during session 1896-97 the Junior or the Senior Class of Engineering Drawing and Calculations, who have in a previous session attended the Engineering Class II. or Class III. The appointment shall be made by consideration of merit shown during attendance on, and by examination in the subjects of those classes. The successful candidates shall, during session 1897-98, attend the Senior Class of Civil Engineering and Mechanics (Class IV.).

Bursars in Mathematics.—Junior Bursar for sessions 1896-97 and 1897-98, Henry A. Inglis, 1896 ; Senior Bursar for session 1896-97, Joseph White, 1896.

Bursars in Civil Engineering and Mechanics for session 1896-97—Hugh N. E. Fisher, 1896 ; James W. French, 1896.

Bursar in Theology.—John Ruggan, 1894.

William Muir Divinity Bursaries (*Theology*).—Established in 1886 by the Governors of the Glasgow General Educational Endowments Board, under Section 35 of their Scheme. The Bursaries are two in number, each of £25 annual value. Candidates must have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University, and must lodge applications with Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, on or before the 21st day of October. The Bursaries are awarded in accordance with the results of the competition for Bursaries in Theology, and are tenable for two years.

Bursars—[1] James Eadie, M.A., 1894 ; Arthur S. Middleton, 1895.

Notman Bursary (*Theology*).—By deed of Settlement dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier of Hillhead, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College, the sum of £500 sterling for the purpose of founding a Bursary in the College, to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity, who shall appear in public examination to be best qualified and deserving. Present value, £17 per annum.

Bursar—[1] William Neil, 1893.

Orr-Ewing Dumbartonshire Bursaries (*Arts*).—Sir Archibald Orr-Ewing, Bart., of Ballikinrain, M.P., by Bond and Foundation dated 19th September, 1877, bound and obliged himself, his heirs, etc., to pay to the University of Glasgow, and to the Senatus Academicus thereof, as trustees, the sum of £1,600 sterling in seven annual instalments, payable at Martinmas in each of the years following, viz. :—In 1878, £100 ; 1879, £200 ; 1880, £300 ; 1881, £400 ; 1882, £300 ; 1883, £200 ; 1884, £100—to be held and applied for providing four Bursaries of £25 per annum each, tenable for four years, to be competed for in each of the years 1878, 1879, 1880, and

[1] Vacant through lapse of time.

1881. By a letter to the Senate dated 5th February, 1883, he intimated his intention to give yearly four Bursaries of £25 each during his lifetime. Each of the said Bursaries was, as a rule, to be tenable for four years, but on condition that each Bursar should, during or prior to his fourth session of attendance at the said University, pass two out of the three departmental examinations for the said Degree of Master of Arts, wherein if he should fail he should forfeit all right to the said fourth year's payment of £25. In the event of a Bursary becoming vacant otherwise than by lapse of time, the Senatus were to apply the funds thereby left at their disposal for the benefit of Divinity students belonging to Dumbartonshire. Sir Archibald Orr-Ewing died on 27th November, 1893.

Bursars—Alexander Stephen, 1893; Ivy M'Kenzie, 1893; John Gray, 1893; Ernest H. Cramb, 1893; James F. Craig, 1893.

James Paterson Bursary (*Arts*).—Founded in 1885 in commemoration of the completion, in 1879, of the fiftieth year of the existence of Adelaide Place Baptist Church, Glasgow, and of the Pastorate thereof of Dr. James Paterson during the same period. The sum subscribed for the purpose, amounting with interest to £619, was assigned and conveyed to the Senate in trust to be applied in all time coming to provide a Bursary in the Faculty of Arts to be called the James Paterson Bursary. The Bursary is tenable for four years, and is open to competition to any student of the first year in Arts who is a member of a Baptist Church, and who is entering upon his studies with a view to the ministry in the Baptist denomination. The Bursar during his tenure of the Bursary must be a member of Adelaide Place Baptist Church or of some other Baptist Church in Glasgow or neighbourhood. The Bursar must graduate in Arts, and before payment of the second moiety of the last year's Bursary must produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. On the Bursary falling vacant otherwise than by lapse of time, the Senate may appoint for the remainder of the term, or for the full period after competition. Before payment of the second moiety in each year the Bursar must produce a certificate of fitness for the ministry from a Committee of Adelaide Place Baptist Church, from the Baptist Union of Scotland, or some recognized Educational Institution of the Baptist Body. (Vacant.)

James Alexander Paterson Bursaries (*Arts and Medicine*).—Founded in 1892, under the Trust Disposition and Settlement of James Alexander Paterson (for many years a member of Shamrock Street United Presbyterian Church), who died at Glasgow on 31st January, 1889. The Bursaries in Arts are six in number, three being of the annual value of £40 and three of £20 each, and are tenable for three years. They are open to competition to students

entering upon the second year of their attendance at the University, who purpose studying for the ministry in connection with the United Presbyterian Church, and who intend to qualify for and take, in the University of Glasgow, the degree of M.A. Each candidate before the competition must lodge with the Clerk of Senate, (1) a written declaration of his intention to comply with and observe these conditions, and (2) a certificate from the Chairman or Clerk of the Theological Committee of the United Presbyterian Church, bearing that the Candidate is recognized by that Church as an accepted student pursuing his studies with a view to the ministry therein. In November, 1896, two Bursaries of £40 and £20 respectively will be offered for competition. The Examination is in Hebrew (Genesis, chap. xxiii., xxiv.) and Greek (Euripides, *Alcestis*, and Gospel according to Luke). The Bursaries in Medicine are eight in number, four being of the annual value of £30 and four of £15 each, and are tenable for four years. They are open to competition to students entering upon the second year of their medical curriculum at the University of Glasgow, who intend to qualify for and take, in the University of Glasgow, the degree of M.B. Each candidate must before the competition deliver to the Clerk of Senate a written declaration of such intention. The subjects of examination are Mathematics and Natural Philosophy. Two Bursaries of £30 and £15 respectively will be offered to competition in November, 1896.

It shall not be competent for the holders of these Bursaries, whether in Arts or in Medicine, to hold any other Bursary or Scholarship in this University.

Bursars in Medicine—[1] Samuel D. Cowan (£40), 1892; Walter S. Findlay (£30), 1893; John Crow (£15), 1893; William Martin (£15), 1893; Walter Colquhoun (£30), 1894; John J. Buchan (£15), 1894; Hyam Goodman (£22 10s.), 1895; Ebenezer Mitchell (£22 10s.), 1895.

Bursars in Arts.—John W. Henderson (£40), 1893; William Macnaughton (£30), 1893; William Fulton (£40), 1894; James W. Patrick (£20), 1894.

Patrick Bursaries (*Arts*).—These Bursaries were founded in 1860 by Mr. William Patrick of Roughwood, W.S., and were originally two in number, the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They were tenable for two years, but might be continued for other two. By Ordinance No. 85 of the Universities Commission (1889) the number of Bursaries was increased to three, all equal in value, and tenable for four years. If a Bursar graduate at the end of three years he shall only retain

[1] Vacant through lapse of time.

his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects also the provisions of Ordinance No. 57 apply to the Patrick Bursaries. Candidates must have gone through a course of education at some one of the Public Schools in the County of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four of his best scholars, who shall be entitled to present themselves to the Principal and Professors as candidates for the Bursaries. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office).

Bursars—[1] James M'Pherson, 1894; Thomas M'Ewan, 1895.

Glasgow Perthshire Society's Bursary (*Arts*).—Founded by the Glasgow Perthshire Society in 1873. Value, £25, and tenable for three years. Open to competition to natives and sons of natives of the county of Perth, and also to sons of persons who are *bonâ fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the University of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent to Mr. George Gray, writer, County Buildings, Glasgow, Secretary of the Society, not later than the twenty-fifth day of August preceding the competition.

Bursar—James Cappell, 1894.

Pollock Bursaries (*Arts*).—Founded in 1878, in terms of the Trust Disposition and Settlement of the Rev. Alex. Pollock, senior minister of the Free South Church, Paisley, who bequeathed £3,000, free of legacy duty, for that purpose. The Bursaries are designed to assist young men entering the University of Glasgow, whose circumstances are such as to render it desirable that they should have assistance in prosecuting their studies. The patrons are the Principal and Professors in the Faculty of Arts. Each candidate must lodge along with his application a letter from the Rector, Headmaster, or Classical Teacher of one of the Public Schools or Public Academies within the parliamentary boundaries of the burgh of Paisley, where a regular course of Classical study is pursued, certifying that he has completed his course of education at such school or academy. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). Should no such qualified

[1] Vacant through lapse of time.

candidates present themselves, or should the otherwise qualified candidates fail to reach a satisfactory standard in the Bursary Examination, the Bursary or Bursaries vacant for the time being shall be open to all the candidates in the ordinary Bursary Competition. The Bursaries are three in number, and are tenable for three years, during which period the Bursars must be students in the Faculty of Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in four subjects taken out of at least two departments for graduation in Arts.

Bursars—[1] George Dock, 1893; Hugh Brown, 1894; Duncan M'Taggart, 1895.

Rainy Bursaries (*Medicine*).—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary Fund is to be divided annually between the two Bursars; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund shall at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third winter session; and the examination is to take place in the month of October.

The successful candidate may hold his Bursary for two years, namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct, is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

[1] Vacant through lapse of time.

In 1896 the competition for one of these Bursaries will be held on 5th and 6th October. Candidates are required to give in their names (with Certificates) to the Assistant Clerk (Matriculation Office), on or before the 17th September.

Bursars.—[1] Hugh Calderwood, 1894; Kenneth M. Duncan, 1895.

Ramsay Walker Bursaries (*Arts*).—Two in number, founded in 1879, under the Trust Disposition and Settlement of Miss Ramsay Walker, Crosshill, who bequeathed £700, reduced by legacy duty to £630, for educating two students with a view to the ministry of the Established Church of Scotland. Preference to kindred of the founder, whom failing, to students of the name of Walker, whom failing, to natives of Glasgow, whom failing, the Bursaries will be thrown open to public competition. Candidates must be qualified by their previous education for entering the University. Tenable for four years. (Both vacant.)

Ross Bursary.—(See Hyndford and Ross, p. 250.)

John Ross, Junior, Bursary (*Theology*).—Founded in 1880 by Mrs. Ross, widow of Mr. John Ross, junior, merchant in Glasgow, in memory of her husband. Patrons—The Senate of the University. The Bursary Fund consists of the capital sum of £1,000, set aside by Mrs. Ross for that purpose. The Bursary is tenable for three years by a student of Divinity in the regular course of study for the degree of Bachelor of Divinity with a view of becoming a clergyman of the Established Church of Scotland. Candidates must be entering on the first session of their study in Theology in the University, and the award shall be determined by the result of the annual competitive examination for Bursaries in Theology. In cases of equality in the competition there is a preference to the student who may be thought to stand most in need of help to carry on his theological studies, or to one who is a native of Ayrshire. The second moiety of the third year's Burse shall not be paid to any Bursar unless and until he shall have passed all the examinations required for the degree of B.D. In the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

Bursar—[1] Andrew M. Barr, 1893.

Sanders Bursary.—(See Boyd and Sanders Bursary, p. 230.)

Scott Bursaries (*Arts*).—The centenary of the birth of Sir Walter Scott was celebrated in Glasgow in 1871, and in conformity with a suggestion made by Lord Stanley (Earl of Derby), then Lord Rector of the University, the committee who had charge of the arrangements resolved to raise by public subscription a fund for the benefit of distinguished students, and to associate it with

[1] Vacant through lapse of time.

Scott's name. The amount subscribed was £3,500, and accordingly two Bursaries, along with the Scott Scholarship, were founded in 1874. The fund is administered by trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being an Assessor of the Council in the University Court, appointed by the four Assessors or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889). The Bursaries are now three in number, each of the annual value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University.

Bursars—[1] Percy Hepburn, 1892; John Murphy, 1894; William A. Edward, 1895.

Shearer Bursaries (*Any Faculty*).—Founded in the year 1887, by Archibald Shearer of Boag, who resided in Beith. By Deed of Mortification executed by Mr. Shearer dated 29th April, 1887, he conveyed his lands of Boag, in the parish of Kilbirnie, to trustees for the foundation and endowment of three Bursaries for the advancement of the higher education of the young men of his native parish of Dalry, in the county of Ayr. The Deed provides that the Bursaries shall be open to applicants between the ages of fourteen and twenty-four, who are the sons of parents or of a surviving parent *bonâ fide* resident for a period of not less than two years immediately preceding the date of application in the parish of Dalry, or to applicants who, for a period of not less than the last two years of their school curriculum, have received their education in the schools within the said parish, to enable the Bursars to pursue their education as students at the University in one or other of the Faculties. Students who have enjoyed a Bursary during their Arts course are eligible for a second Bursary in another Faculty. Applicants to undergo such examination as the trustees may from time to time appoint. Each Bursary to be one-third of free income from the lands of Boag, but not exceeding the annual sum of £30, and to be tenable for three years. Further information will be afforded by the Agents of the Trustees, Messrs. J. & J. M'Cosh, writers, Dalry.

Bursar—[1] William Maclure, 1893.

Shipwrights' Company Bursary.—In 1893 the Shipwrights' Company, London, intimated their intention to give a Bursary of the annual value of £25 to be competed for in the month of October by persons who intend to become students of Naval Architecture in the session then beginning. A preference is given to a candidate whose circumstances make pecuniary assistance of special value in the prosecution of his studies, and who comes to the University

[1] Vacant through lapse of time.

after serving in a shipyard. The subjects of examination are those prescribed for the Preliminary Examination in Science.

Bursar—[1] Charles S. Douglas, 1895.

Smith (Crutherland) Bursary (*Any Faculty*).—In 1849 Dr. John Smith of Crutherland founded two bursaries, which were not restricted to any particular Faculty. Patrons—The Directors of the Incorporated Company of Stationers. Sons of members of the Company are preferred, then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the patrons. The value of each was £9 per annum, and they were tenable for one or more years at the option of the patrons. Ordinance No. 77, issued on 15th February, 1895, provides that the two bursaries shall hereafter be conjoined into one, and that the bursary shall be tenable for four years. If a bursar in Arts graduate at the end of three years, he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. If a bursar in Divinity graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Applications to be made to Mr. R. Brodie, 77 St. Vincent Street, Glasgow. (No vacancy.)

Bursar—James F. Pollock, 1894.

Stevenson of Dalry Bursaries (*Arts*).—The Rev. Robert Stevenson, D.D., minister of the Parish of Dalry, Ayrshire, who died on 11th September, 1890, by his Trust Disposition and Settlement dated 28th July, 1890, directed his Trustees to pay over to the University Court the sum of £2,000, free of legacy duty, for the foundation of two Bursaries in Arts. They are open for competition to students entering on the first or second session of attendance in the Faculty of Arts, who are prosecuting their studies with a view to the ministry of the Church of Scotland, with a preference in the first place to natives of the parish of Dalry in Ayrshire, and in the second place to natives of the parishes of Bannockburn or St. Ninians in Stirlingshire. The Bursaries, which are of equal value, are tenable for four years.

Bursars—[1] William J. S. Miller, 1892; [2] John Walker, 1895.

Stewart Bursaries (*Arts*).—These Bursaries, three in number, founded in 1809 by the Rev. James Stewart, are in the gift of the Senate. They commence with the Humanity or the Greek Class, and may be held during the Gown Course. Value, £15 per annum each. The names Stewart and Simpson were preferred, but this preference was cancelled by Ordinance No. 57 of the Universities

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

Commission (1889). In case of a vacancy, a student of the same standing is appointed. (One vacancy.)

Bursars—[1] Adam Hamilton, 1895 (1892); Matthew Babington, 1895.

Stillie Bursary in Music.—This Bursary was founded by Mrs. Thomas Stillie in 1885, the Trustees being the Executive Council of Queen Margaret College, and their successors in office. The Trustees were to apply the annual proceeds of the investment of £125 in providing one Bursary, to be granted yearly to a student of Music, as a reward for proficiency in Music, and an encouragement to further study. The Trustees were empowered to make such regulations as they should see fit from time to time for testing the merits of the candidates, and also for prescribing the age of candidates and the course of study to be pursued in connection with Queen Margaret College or otherwise, which the Trustees might desiderate as a condition of awarding the Bursary. The University Court, having taken over Queen Margaret College, are the successors in office of the Executive Council of Queen Margaret College in respect of the Stillie Bursary Fund, which in January, 1895, amounted to £160. The following regulations have been adopted by the Court:—1. The Bursary shall be awarded in connection with the examinations in Music conducted in Glasgow by the Associated Board of the Royal Academy of Music and the Royal College of Music. 2. The Bursary shall be awarded by the Senate on a report by the Examiners of the said Board. 3. Only candidates for the Senior Grade Examination shall be eligible, and the Bursary shall be awarded to the candidate examined in Glasgow who shall obtain the highest number of marks in that examination. 4. The Bursary shall not be awarded if the candidate with the highest number of marks has not obtained honours; and in that case the proceeds shall be added to the capital fund. (Vacant.)

Dr. Strang Bursaries (*Science*).—Mrs. Machen of Ferniecraig, Skelmorlie, who died recently, left funds for the foundation of four Bursaries, each of the annual value of £20, to be instituted in connection with the University of Glasgow, in memory of her brother, the late Dr. John Strang, City Chamberlain of Glasgow from 1834 to 1863. The Trustees under their powers have meanwhile agreed that these Bursaries should be tenable by students of Engineering Science in the University of Glasgow. Each Bursary is tenable for three years. The Bursaries shall be awarded on the results of the Science Preliminary Examination, and no candidate shall be appointed to a Bursary unless he passes the whole preliminary examination. Each Bursar shall be required to attend a course qualifying him for graduation in Engineering Science on the side of Engineering.

[1] Vacant through lapse of time.

The Bursaries shall be payable by equal moieties in the month of January and at the close of the winter session, but the second moiety of the second year's Burse shall not be paid until the student has passed the first Science Examination for B.Sc. in Engineering Science, except in special circumstances. No student shall be entitled to hold a Dr. Strang Bursary who is receiving any other Bursary.

In each of the years in which two appointments fall to be made, the Trustees, in appointing to the second Bursary, will take into account, not only the results of the examination, but also, and specially, other circumstances (financial and otherwise) affecting the candidates. The Bursaries shall be available as follows :—Two of £20 each for session 1896-97 to be awarded after the preliminary examination held in September-October, 1896 ; one of £20 for session 1897-98 to be awarded after the preliminary examination in September-October, 1897, and so on each year thereafter.

Further particulars may be obtained from Professor Barr, D.Sc., Engineering Department, University of Glasgow, or from Messrs. Kerr & Barrie, Solicitors, 149 St. Vincent Street.

Struthers Bursary.—(See Gilhagie and Struthers Bursary, p. 244).

Taylor Bursaries (*Any Faculty*).—Two in number, founded by Mr. James Taylor, writer in Glasgow, who by Trust Disposition and Settlement of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. After Mr. Taylor's death, the trustees found that the estate was not sufficient to pay the various legacies in full. They paid over to the University in January, 1868, the sum of £560, and in September, 1878, a further and final dividend of £80, making in all £640, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. The preference given to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur, was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursars—Matthew L. Taylor, 1893 ; James M. Black, 1895.

James Thomson Philosophical Entrance Bursary (*Arts, Phil.*).—Founded by subscription in 1878 in memory of James Thomson, M.A., a distinguished student of this University, who died in 1876 before the close of his theological curriculum. The Bursary consists of the proceeds of a sum of about £300, and is tenable for two years. It is awarded biennially for the best examination in (*a*) Mental Philosophy and (*b*) English Literature alternately. The examination is open to all students of the first and second year who have not already attended the Logic, Moral Philosophy, or English Literature Class, and who have not attended a session in any other Scottish University. The Bursary is payable in four instalments, but the last instalment will not be paid till the Bursar has passed his

examinations in Latin and Greek for the M.A. Degree in Glasgow University. The subjects of Examination in Mental Philosophy and English Literature respectively are the same as for the John Ferguson Jaffrey Bursary. (See page 251.)

The next examination will be held in October, 1896, the subject of examination being Mental Philosophy.

Bursar—[1] Robert W. M'Gill, 1894.

Walkinshaw Young Bursary (*Law*).—Founded in 1878 by Major Young, Dunmore, Kirn, who bequeathed to the University a sum of £500, free of legacy duty, for promoting any useful branch of Education which the Principal and Professors may think proper.

The following regulations have been adopted :—

1. The Bursary shall be tenable for two years, during which the holder shall give regular attendance as a public student in the Faculty of Law in the University, to the satisfaction of the Senate.

2. All persons who within two years previous to the time when an appointment to the Bursary is made, have, at an examination in Arts, for the Degree of B.L. passed in not fewer than two Arts subjects, or have passed in any two subjects for the Degree of M.A., shall be eligible as candidates, and the Senate shall appoint that one among the candidates who in their opinion is the most distinguished. A student who passes a qualifying Examination in the November of the session in which an appointment is made, shall be held eligible within this rule, but one who has passed an examination in the November two years preceding such an appointment, and has not passed any subsequent qualifying examination, shall not be eligible.

3. The Bursary shall not be tenable along with any other Bursary or Scholarship in the University.

The next appointment to this Bursary will be made in December, 1896. Applications to be sent in to the Clerk of Senate on or before 1st December of that year.

Bursar—[1] Malcom Dunlop, M.A., 1894.

Walton Bursary (*Medicine*).—This Bursary was founded in 1763 by Dr. William Walton, Huntingdon, for a student in Medicine. The Earl of Sandwich has the right of appointing to the Bursary one of two students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value about £36 per annum.

Bursar—Samuel Prior, 1893.

Andrew Weir Bursary (*Medicine*).—Founded in 1884, in terms of a Bequest by Mrs. Janet Maxwell or Weir, relict of Andrew Weir, feuar in Paisley. Mrs. Weir bequeathed the sum of £500 to the University, and directed the annual income of the legacy to be

[1] Vacant through lapse of time.

devoted to maintaining a Bursary in connection with the Medical School, in such a manner as the Senate may appoint. The Bursary is in memory of a son of the founder, Andrew Weir, a medical student of Glasgow University, who held subsequently the post of Resident Physician in the Paisley Infirmary, and in the discharge of his duties there contracted a fever, of which he died. The Bursary is awarded annually at the beginning of the Winter Session, in accordance with the results of the second and third professional examinations, account being taken of the marks gained by all students who have passed both of these examinations within a period not exceeding thirteen months, reckoning backward from the date of the professional examinations in October of each year. During the tenure of this Bursary, which may be held along with another Bursary, the holder shall be bound to give regular attendance on the classes of the medical curriculum in the University.

Bursars—[1] William Martin, M.A., 1895.

William Whyte Bursaries (*Arts, Law, or Medicine*).—Four in number, founded in 1893 in memory of Mr. William Whyte, at one time Preceptor of Hutchesons' Hospital, in accordance with instructions contained in the Trust Disposition and Settlement of his daughter Mrs. Isabella Whyte or Bamber, who died in 1882. The Trustees executed a Deed of Mortification transferring £2,000, less legacy duty, to Hutchesons' Hospital. The Bursaries are each of the annual value of £25, and are tenable for four sessions in the Faculties of Arts, Law, or Medicine. They are open to competition by boys who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Candidates must give in their names to Messrs. Hill & Hoggan on or before 1st September in each year, to be sent to the Clerk of Senate, that they may be entered for the University Entrance Bursary Competition. One Bursary will be awarded every year to the candidate highest in the order of merit who shall not have gained and elected to hold a Bursary of equal or higher value at the general competition, provided his attainments have reached a standard satisfactory to the Patrons of Hutchesons' Hospital.

The sum of £408 15s. 8d. at the credit of the Fund at 31st December, 1892, is to be allowed to accumulate until that sum, with such additions as may accrue from any portion of the income that may not be required for the purposes aforesaid, shall amount to a sum which will produce a return of £20 yearly. There shall then be instituted a Bursary of that value, to be competed for by girls educated in Hutchesons' Girls' School, which Bursary shall be tenable at the University of Glasgow.

Bursar—John Gardner, 1894; John Young, 1895.

[1] Vacant through lapse of time.

Williams Bursaries (*Arts and Theology*).—The Rev. Dr. Williams, London, in the year 1711 bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the dissenting ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value, £40 per annum each. The right of presentation is vested in the founder's trustees. Secretary to the Trust—Mr. Francis H. Jones, Dr. Williams' Library, Gordon Square, London, W.C. The state of the funds of this foundation will not admit of more than one appointment being made in session 1896-97.

Bursars—[1] Thomas E. Jones, 1893; [1] James L. Ainslie, 1893; Richard R. Williams, 1894; Henry A. Inglis, 1895.

Wilsone Bursary.—(See Boyd and Wilson, p. 230).

George Young Bursary (*Science*).—By Trust Disposition and Settlement of date 30th August, 1892, Mrs. Catherine M'Farlane or Young, who died at Helensburgh on 4th November, 1893, directed her Trustees to make over to the Senate of the University of Glasgow the sum of £1,000, free of legacy duty, for the purpose of founding, in memory of her husband and son, a Bursary in connection with the class of Civil Engineering, on such terms and conditions as the Senate should from time to time fix.

Major Young's Fund Bursaries (*Law*).—Two in number, founded in 1890 by the Trustees of the late Major Young, founder of the Walkinshaw Young Bursary. The amount of the Bursary Fund is about £1,312, and each of the Bursars receives one half of the free annual income thereof. In accordance with Major Young's desire, the Bursaries are open only to applicants whose pecuniary circumstances are such as in the judgment of the Senate render it desirable that they should have assistance in prosecuting their studies at the University, preference being given, *cæteris paribus*, to natives of Argyllshire or Renfrewshire. One of the Bursaries is tenable for six years, and is awarded by competitive examination to a student of the first year who intends to study for a Degree in Law. The Bursar is required during his tenure of the Bursary to attend such classes and to pass such examinations for a Degree in Law as shall be held by the Senate to correspond to the successive stages of his course; and he must attend a class or classes in the Faculty of Law during at least the last two years of his tenure of the Bursary. The other Bursary is tenable for two years, and is

[1] Vacant through lapse of time.

awarded by competitive examination upon subjects prescribed by the Senate. Candidates must have expressed their intention of attending the classes of Scots Law and Conveyancing, and the Bursar must attend these classes in separate sessions during his tenure of the Bursary. Either of these Bursaries may be held with any other Bursary, Scholarship, or Prize in the University, but both shall not be held together by one Bursar. The subjects of examination are those prescribed for the General Bursary competition.

Bursars—Alexander M. MacRobert (six years), 1890; [1]Thomas R. Anderson (two years), 1894.

2. *EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.*

ALPHABETICALLY ARRANGED.

N. B.—In cases in which a Scholarship or Fellowship falls vacant otherwise than by lapse of time, the Senate may, except where it is inconsistent with the deed of foundation, hold a competition, and make an appointment for the remainder of the period for which such Fellowship or Scholarship may be held. At the next ordinary competition no student shall be excluded from the competition by reason of his having previously been appointed to fill a vacancy for less than the full period; but in no case shall any student hold such Scholarship or Fellowship for longer than the full period fixed in the regulations applicable to such foundation.

FOUNDATION.	No. of Scholarships, &c.	TENABLE BY	Approximate Annual Value of each.
Black Theological, -	1	Masters of Arts of Scot. Univ.,	£147
Breadalbane, - - -	2	M.A. or B.Sc., Eng., Glas. Univ.,	£50
Clark, George A., - -	4	3 M.A., 1 B.Sc., do.	£180
Clark, John (Mile-end),	12	Arts Students at close of Curric.,	£50
Clydebank, - - - -	1	Students of Naval Architecture,	£30
Cunninghame, - - -	2	Bachelors of Laws of Glas. Univ.,	£32
Donaldson, Alexander,	1	Candidates for B.Sc. (Chemistry),	£38
Donaldson, Robert, -	2	Bachelors of Science of Gl. Univ.,	£62
Eglinton, - - - - -	2	Masters of Arts of do.	£100
Euing, William, - -	3	Do. do.	£80
1851 Exhibition Science	2	Science Students,- - - -	£150
Ferguson, - - - - -	6	Masters of Arts of Scot. Univ.,	£80
Foulis Memorial, - -	1	Medical Graduates or Licentiates,	£50
Lloyd's Register, - -	3	Students of Naval Architecture,	£50
Luke, - - - - - -	1	Masters of Arts of Glas. Univ.,	£80
Mackay Smith, - - -	2	Students in Nat. Phil. and Chem.,	£48
Metcalfe, - - - - -	1	Masters of Arts of Glas. Univ.,	£100
Sandford, - - - - -	1	Greek Students, do.	£20
Scott, - - - - - -	1	Masters of Arts of do.	£80
Shaw Philosophical, -	1	Do. Scot. Univ.,	£160
Snell (at Oxford), - -	5	Masters of Arts, etc., Glas. Univ.,	£80
Thomson Experimental	3	Students of Natural Philosophy,	£20

BLACK THEOLOGICAL FELLOWSHIP.—This fellowship, of the annual value of £140 or thereby, was instituted under the Will of

[1]Vacant through lapse of time.

the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following regulations have been adopted by the Senate with the sanction of the University Court :—

1. The Black Theological Fellowship shall be tenable for one year.

2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland completing the ordinary curriculum of Theological study in the University of Glasgow in the academical year in which the examinations are held.

3. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

4. The Fellowship shall be awarded by the Theological Faculty at the close of the winter session to the most distinguished graduate in Divinity of the session qualified in terms of the foundation, but the Fellowship shall be awarded only if the Candidate has, in the opinion of the Faculty, attained a sufficient standard of merit.

5. The holder of the Fellowship shall, during the tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise—within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.

6. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship or Prize falling to be awarded at the same time, or subsequently during its tenure.

Subject to these regulations an appointment to the Fellowship will be made in April, 1897.

Present Fellow—John H. H. M'Neill, B.D., *April*, 1896.

Breadalbane Scholarships.—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two Scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his Deed of Settlement made provision for the "annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be paid yearly to deserving students in this college, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the Senatus Academicus of the said University."

The following regulations have been approved by the Senate :—

The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

The scholars shall be chosen, after competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, or the Degree of Bachelor of Science in the Department of Engineering Science, at the University of Glasgow, within a period of not more than three years preceding the examination; provided always that students graduating at the supplementary graduation in November of any year, shall, for all purposes, be held to have graduated at the ordinary graduation in May immediately preceding.

Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years; provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study.

Scholars—James S. Dunlop, 1895; Thomas Nisbet, 1895.

George A. Clark Bursaries or Scholarships.—By the Will of the late Mr. George A. Clark, manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the regulations:—

1. One of these Bursaries shall be competed for annually, at or immediately after the October examination for Degrees in Arts or Science.

2. The four Bursaries are assigned respectively to the four departments of Honours enumerated in the Ordinances Nos. 14 and 18 of the Universities Commission (1858), viz.:—(1) Classical Literature; (2) Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy; (3) Mathematics, including Pure Mathematics and Natural Philosophy; (4) Natural Science, including Botany, Geology, Zoology, and Chemistry.

For the Classical Literature Bursary or Scholarship either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours, in Classical Literature, may be candidates; for the Mental Philosophy Bursary or Scholarship, either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mental Philosophy, may be candidates; for the Bursary or Scholarship in Mathematics either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mathematics, or Bachelors of Science

of this University who have taken the degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates ; and for the Natural Science Bursary or Scholarship either Bachelors of Science of this University who have taken the Degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree or the B.Sc. Degree.

3. The successful candidate shall undertake, during his tenure of the Bursary, to give such assistance in the teaching work of the University, and to follow such a course of study in the University, as the Senate may determine.

4. The subjects of examination each year shall be those which constitute the examination for Honours in one of the above-named departments (the department selected each year for examination to be publicly announced). The Senate reserve the right to withhold the Scholarship, should none of the competitors reach the standard of attainment required of graduates in Arts with highest honours.

5. In the event of the examiners reporting in any year that no candidate has done sufficiently well in the subjects of that year to deserve the Scholarship, no appointment shall be made in that year ; but it shall be in the power of the Senate to hold an examination for the same Scholarship, and in the same subjects, in the following year ; provided that in that case the Scholarship shall be held for three years only and not for four, the surplus revenue being added to the capital of the fund. Should the same thing occur again, it shall be in the power of the Senate to appoint a Scholar for two years only, or for one year only, the examination in each case being in the same subjects as when the Scholarship was first competed for. In the same manner, in the event of a vacancy occurring in the tenure of any of the Scholarships otherwise than by lapse of time, the Senate may make an appointment for the remainder of the term for which the Scholarship might have been held by the student vacating it, and after examination in the same subjects as those for proficiency in which the Scholar was originally appointed ; but in no case shall the regular rotation of subjects as above provided for be disturbed. In the competition for scholarships to be held for less than four years, no student shall be admitted to examination who would not be eligible, as above arranged, for a Scholarship to be held for four years. In the event of a candidate being appointed to a vacancy to be filled for less than four years, and being still eligible, under the usual regulations as above, to compete for the said Scholarship on the occasion of the next regular vacancy, he

shall be qualified to compete just as if he had not previously held the Scholarship, but in no case shall any student be permitted to hold the Scholarship for more than four years in all.

6. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

7. It shall be in the power of the Senate to deprive any Bursar of his Bursary, in the event of his not complying, to their satisfaction, with any of the above regulations.

8. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments, and for the Degree of B.Sc.

One of these Bursaries or Scholarships will be competed for, subject to the foregoing regulations, in October, 1896. It will be tenable for four years, and the examination will be in the fourth of the four departments above enumerated—viz., Natural Science.

Candidates are requested to give in their names to the Assistant Clerk (Matriculation Office), not later than 23rd September.

Bursars—[1] James Rankin, B.Sc., 1892 (Natural Science); John E. M'Fadyen, M.A., 1893 (Classics); Henry N. Brailsford, M.A., 1894 (Mental Philosophy); James W. Peck, M.A., 1895 (Mathematics).

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see page 234), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University. The Scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the trustees, and are tenable for four years, subject to the condition that the Scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the trustees, any other profession or business they may prefer. The trustees do not appoint any one who already holds a scholarship of greater value. Three Scholarships will be competed for in October, 1896, one in the department of Classics, one in the department of Mental Philosophy, and one in the department of Mathematics. The examination will be on the subjects prescribed for the Degree of M.A. with Honours in the respective departments.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office), and also to Mr. Wm. Kidston, 50 West Regent Street, Glasgow, on or before the 23rd September.

Scholars—[1] John G. Spens, M.A., 1892; [1] Robert S. Horne, M.A., 1892; [1] Gilbert Buchanan, M.A., 1892; Charles W. Thomson, 1893; Gavin L. Pagan, M.A., 1893; Peter Pinkerton, M.A., 1893; Robert

[1] Vacant through lapse of time.

G. Nisbet, M.A., 1894; William R. Paterson, M.A., 1894; William C. Henderson, M.A., 1894; William Boyd, 1895; David H. Crawford, 1895; Adam B. Stewart, 1895.

CLYDEBANK SCHOLARSHIP.—Founded in 1885 by Messrs. James and George Thomson, engineers and shipbuilders, Clydebank. The value was originally £10 per annum, but Messrs. Thomson in 1895 increased the yearly value to £30, and proposed the following regulations, which were approved by the Senate: 1. The Scholarship shall be tenable for three years to enable the holder to graduate in Science. 2. The scholarship shall be competed for biennially by young men not under eighteen years of age, who are apprentices, and have been employed at least three years as such in any of the departments of Clydebank Shipyard and Engineering Works. 3. All candidates must have passed in the May Examinations before they intend entering the University, under the Science and Art Department of South Kensington, the following or higher stages, viz.: Mathematics, second stage; Naval Architecture, advanced stage (or alternatively an equivalent examination in Machine Construction and Steam); Theoretical Mechanics, and Plane and Solid Geometry, elementary stages. The scholarship will be awarded to the candidate who has the best record in these subjects. Should there be any apparent equality, the candidates who are apparently equal shall be further examined at the University, and the scholar shall be selected in accordance with the result of this further examination. 4. The scholar appointed shall, during his tenure of the Scholarship, attend in the usual order all the classes necessary to qualify for the degree of B.Sc.; and the second moiety of the third year's stipend may not be paid if the scholar fails to pass the final examination for the degree of B.Sc., or if, in the opinion of the Senate, he has not made satisfactory progress during his term at the University.

ANDREW CUNNINGHAME SCHOLARSHIPS.—Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, who died in 1886, bequeathed to the University, free of legacy duty, £5,000, for the purpose of completing the tower, and also £350, the annual revenue of which was to be applied in purchasing a gold medal as a prize in the class of Mathematics. He also bequeathed to the Senate £2,000 for two Bursaries or Scholarships in connection with the Scots Law and Conveyancing Classes. The following regulations were adopted by the Senate on 15th March, 1888:—

1. One half of the free income of the bequest shall be applied for the purpose of a Scholarship in connection with the class of Scots Law, and the remaining half for the purpose of a Scholarship in connection with the class of Conveyancing.

2. Each Scholarship shall be tenable for two years.

3. On each vacancy the candidate who, in the opinion of the

Senate, is the most distinguished Bachelor of Laws of the year, shall be appointed, special consideration being given to eminence in Scots Law and Conveyancing.

4. Students who have been found qualified for the Degree of LL.B. at the spring and winter graduations of the year in which the appointment is made, shall be eligible as candidates.

5. The conditions of holding the Scholarships are that the scholars give such assistance in the work of the classes of Scots Law and Conveyancing respectively as the Professors of these classes may require, subject to the approval of the Senate.

6. In the event of a vacancy occurring during the tenure of any Scholarship, the Senate may, if they think fit, appoint a Scholar to hold the Scholarship for the unexpired period.

An appointment to the Conveyancing Scholarship will be made in November, 1896.

Scholars—[1] Alfred Scobie, LL.B., 1894; Hugh Cowan, LL.B., 1895.

Alexander Donaldson Scholarship or Bursary.—Founded in 1881 by Will of the late Mr. Alexander Donaldson, iron merchant in Glasgow, who bequeathed to the Senatus of Glasgow University £1,000, to be administered by them as patrons for the endowment of a Scholarship or Bursary, at their discretion, in connection with the said University.

The following regulations were adopted by the Senate on 1st May, 1884:—

1. The Scholarship shall be awarded to the candidate who, presenting himself for the first examination for the Degree of B.Sc., held in the month of April, shall stand highest in Chemistry.

2. The Scholarship shall be tenable for two years.

3. The second moiety of the second year's stipend shall be paid only after the Scholar has passed all the examinations for the Degree of B.Sc.

These regulations apply to students proceeding to the Degree of B.Sc. under the new regulations for that Degree.

Scholar—George F. Buchan, 1896.

Robert Donaldson Scholarships.—Founded in 1887 by the trustees of the late Mr. Robert Donaldson, iron merchant, Glasgow, who left £2,000 to the Senate for two Scholarships for such scientific purposes as his trustees should approve. The following tentative scheme has been approved by the trustees:—

1. The income of the fund shall be devoted for two years alternately to Scholarships in Chemistry and Biology.

2. Each Scholarship shall be tenable for two years.

3. Students who have taken the Degree of B.Sc. in Glasgow University shall be eligible.

[1] Vacant through lapse of time.

4. The appointment shall be made by the Senate on a report as to the merits of the candidate or candidates by the Professor of the subject.

5. The scholar appointed shall devote himself for two years in this University, or for one year in this University and the other in such place as the Senate may approve, to research in the subject in which he has obtained the Scholarship. The holder of the Scholarship in Biology shall have the option of selecting Zoology or Botany as the subject of research.

6. The Senate are not bound to make an appointment unless the candidate is in their opinion qualified.

Scholar—William H. Lang, B.Sc., 1894.

Eglinton Fellowships.—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating in a suitable manner his virtues and public services; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum as a Scholarship or Fellowship Fund in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the net yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall from time to time be fixed by the Senatus Academicus of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,[1] and the Fellowships shall be awarded by the Senatus Academicus of the University to those students who have shown themselves in a public competition to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the Senatus Academicus of the University, who shall fix the subjects of examination, and the relative value of each subject in the competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

The following are the regulations of the Eglinton Fellowships:—

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

[1] *i.e.* Either at the ordinary graduation in May or at the supplementary graduation in November.

2. The competition for the Fellowship shall be open only to deserving students who shall have taken the Degree of Master of Arts in the University of Glasgow, at the term preceding the competition.[1] In the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

3. One of the Fellowships shall be open to competition in October, 1866, and thereafter triennially (1896); and the other in October, 1867, and thereafter triennially (1897).

4. The successful candidate shall undertake, during his tenure of the Fellowship, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. The Examination for the Eglinton Fellowship to be competed for in October, 1890, and thereafter sexennially, shall be in Classics; and the Examination for the Eglinton Fellowship to be competed for in 1893 and thereafter sexennially, shall be in Mental Philosophy.

The subjects of examination in Classics and Mental Philosophy respectively shall be the same as those for the Degree of Master of Arts with Honours.

6. The subjects of examination for the Eglinton Fellowship to be competed for in October, 1888, and thereafter triennially, shall be the subjects of examination for the Degree of Master of Arts with Honours in Mathematics and Natural Philosophy.

7. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

The next ordinary competition will take place in October, 1896, the subject of examination being Classics.

Fellows—[2]Gilchrist G. Alexander, M.A., 1893; Charles S. Dougall, M.A., 1894.

William Euing Fellowships.—Founded in 1874 by Mr. William Euing, insurance broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships are open only to deserving students who have completed the regular curriculum in Arts, and taken the Degree of

[1] *i.e.* Either at the ordinary graduation in May or at the supplementary graduation in November.

[2] Vacant through lapse of time.

M.A. at this University, and are awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months in the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University—more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the course of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purpose by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships :—

1. In the department of Classics there shall be one Fellowship competed for in October, 1875, and thereafter at intervals of four years (1895), the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in October, 1876, and thereafter at intervals of three years (1897), the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in October, 1875, and a Fellow appointed for two years; the Mathematical Fellowship becoming vacant in October, 1877, shall be filled up for a period of three years (1895), the period for which the Fellowship in this department shall be ordinarily held.

In the event of a candidate being appointed to a vacancy to be filled for less than four years in the department of Classics, or for less than three years in the department of Mental Philosophy, or of Mathematics and Natural Philosophy, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than four years in all, or three years in all, respectively.

One of these Fellowships will be open to competition in October, 1897. It will be tenable for three years and the examination will be in Mental Philosophy.

Fellows—Robert S. Horne, M.A., 1894 (Mental Philosophy); William A. Lindsay, M.A., 1895 (Mathematics); Joseph F. M'Fadyen, M.A., 1895 (Classics).

Exhibition (1851) Science Research Scholarships.—Her Majesty's Commissioners for the International Exhibition of 1851

have instituted Science Scholarships, each of the annual value of £150, and tenable for two years, subject to the scholar's first year's work being deemed satisfactory by the Scientific Committee of the Commissioners. The nomination to a Scholarship has been placed at the disposal of this University in each year since 1891, and it is anticipated that similar arrangements will be made in future years.

Candidates must be British subjects, and must have been students of Science in some approved institution or institutions for a period of three years, at least the third year of the period having been spent in this University. Capacity for original research tending to advance Science or its applications is required as the main qualification. The Scholarships may be held at any University in England or abroad, or in some other institution approved of by the Commissioners; and every scholar will, in the absence of special circumstances, be required to proceed to an institution other than that by which he is nominated. He must devote himself to some particular scientific work in connection with those branches of Science, such as Physics, Mechanics, and Chemistry, the extension of which is especially important to our national industries. A sum of £25 is reserved from the fourth half-yearly instalment, and paid by the Commissioners on receipt from the Scholar, after the expiration of his Scholarship term, of a satisfactory report of his study and research during the term.

When a nomination falls to be made in any year, due notice will be given to enable candidates to lodge their applications with the Clerk of Senate before the beginning of April. Every application must be accompanied by a statement of the scientific study (including original research) in which the candidate has been engaged, and of the work to which he proposes to devote himself if appointed to the Scholarship.

Scholars—Walter Stewart, M.A., B.Sc., 1895; William C. Henderson, M.A., B.Sc., 1896.

Ferguson Scholarships.—With a view to the encouragement of the higher learning in Scotland, the trustees of the late Mr. Ferguson, of Cairnbrock, out of his legacy of £50,000 for educational and other purposes, instituted in 1860 six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called "The Ferguson Scholarships."

The examination of candidates for three of these Scholarships will be held in Glasgow, on Tuesday, 29th September next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Psychology, Metaphysics, and Moral Philosophy.

Subjects for examination—

Classical Scholarship.—*Latin*—Plautus, *Captivi*, *Trinummus*. Lucretius, I., II., III., and V. Virgil, *Eclogues*, *Aeneid*, I., II., III. Horace, *Odes* and *Epodes*. Cicero, *De natura Deorum*. Tacitus, *Annals*, I.–IV., and *Germania*. Translation from Authors not prescribed. Latin Prose Composition.

Greek.—Homer, *Odyssey*, I.–VI. Sophocles, *Antigone*, *Electra*. Aristophanes, *Birds*, *Wasps*. Thucydides, VI., VII., VIII. Plato, *Republic*, I.–IV. Lysias, *In Eratosthenem*. Demosthenes, *Olynthiacs* and *Philippics*. Translation from Authors not prescribed. Greek Prose Composition.

Questions on Greek and Roman History, Literature, Language, and Antiquities. The Questions will bear chiefly on the books prescribed.

Mathematical Scholarship.—*Mathematics.*—Euclid's Elements. Modern Geometry. Algebra, including Determinants, Finite Differences, and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in two and three dimensions. Differential and Integral Calculus, and Differential Equations.

Natural Philosophy.—Abstract Dynamics (commonly called Mechanics), including Kinematics and Statics and Kinetics of Solids and Fluids. Experimental Physics and Applied Mathematics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

Philosophical Scholarship.—*Logic.*—Province and History of Logic. Notions, Judgments, and Inferences. Recent developments of Formal Logic. Fallacies. Theory and Methods of Scientific and of Historical Proof.

Psychology and Metaphysics.—The Phenomena and Laws of Mental Life and of its Development. Theory of Knowledge. Theory of Reality.

Moral Philosophy.—Psychology and Metaphysics of Ethics. Relations of Ethics to Law, Politics, and Economics.

History of Philosophy.—History and Critical Analysis of Ancient and Modern Systems of Philosophy.

The competition will be open to all persons who have passed the Examinations required for the Degree of Master of Arts in one of the Universities of Scotland (whether taking the degree at the same time or not); provided that, at the time of the competition, not more than six years have elapsed since the date of their first matriculation after having passed the Preliminary Examination,[1] and who have not already gained one of these Scholarships.

The Examinations will be conducted in writing, and the Scholarships awarded on the report of the Examiners as to the merit of the

[1] Until Ordinance No. 11 can take effect, the six years will count from the first ordinary matriculation.

Candidates, but the minimum of 60 per cent. of the possible marks must be reached in order to entitle to a Scholarship.

The Scholarships, of £80 each per annum, are tenable for two years, subject to fulfilment of the following rule of the trustees :—

"Persons gaining the Scholarships will be expected, during "the tenure thereof, to prosecute studies in furtherance of "the higher learning; and those who have not graduated shall "be required to do so before the last payment is made."

Certificates will be granted to such of the unsuccessful competitors as, in the opinion of the Examiners, shall have taken a distinguished position in the Examinations.

Candidates are requested to give in their names, personally or by letter, at the Office of The Ferguson Bequest Fund, 94 Bath Street, Glasgow, before 1st September, 1896, and due intimation will be sent to those enrolled as to the place and hours of Examination.

The following Students of the University of Glasgow have obtained Ferguson Scholarships :—

1868, James Smith, Mathematical; 1869, Archibald B. Cameron, Philosophical; 1870, John Cross, Classical; 1870, James Orr, Philosophical; 1872, Wm. W. Waddell, Classical; 1873, Thomas H. Millar, Mathematical; 1874, William Patrick, Philosophical; 1875, William Y. King, Classical; 1878, John M'A. Dodds, Mathematical; 1878, Thomas B. Kilpatrick, Philosophical; 1882, Robert F. Muirhead, Mathematical; 1883, James A. M'Callum, Philosophical; 1886, James Buchanan, Mathematical; 1886, Andrew F. Smith, Philosophical; 1888, Ernest F. Scott, Classical; 1889, Evan Keri Evans, M.A., Philosophical; 1890, Abraham Levine, M.A., Mathematical; 1891, James Holm, M.A., Mathematical; 1893, Horatio S. Carslaw, M.A., Mathematical.

Present Holders of the Scholarships.—Alexander W. Main, M.A., of Aberdeen University, Classics, 1894; William G. Fraser, M.A., of Aberdeen University, Mathematics, 1894; Norman D. Smith, M.A., of St. Andrews University, Mental Philosophy, 1894; W. W. M'Kechnie, M.A., of Edinburgh University, Classics, 1895; John A. Johnston, M.A., of Edinburgh University, Mathematics, 1895; James B. Baillie, M.A., of Edinburgh University, Mental Philosophy, 1895.

Foulis Memorial Scholarship.—This Scholarship was founded in 1882 in memory of the late David Foulis, M.D., Glasgow, who had distinguished himself in Pathology and Surgery, and died at the age of 35 years. It is to be awarded as often as the accumulated income from the invested funds amounts to £50. The next appointment will not take place until September, 1896. It is tenable by a graduate or licentiate whose professional education has, to the extent of not less than two years, been received at the University or one of

the extra-mural schools of Glasgow ; and who shall, in the opinion of the trustees, have manifested a capacity for original work in the department of Pathology. The purpose of the Scholarship is to assist in the prosecution of such work in one of the Medical Schools in or furth of Scotland, approved of by the trustees ; and the trustees have power to determine whether it should be awarded by competition or otherwise.

The trustees are the Professor of Practice of Medicine in the University, the President and Visitor of the Faculty of Physicians and Surgeons of Glasgow, and the Pathologists of the Western and Royal Infirmaries. Secretary, Alexander Foulis, Esq., 180 St. Vincent Street, to whom applications should be sent before 1st September, 1896.

Scholar—David M'Crorie, 1894.

LLOYD'S REGISTER SCHOLARSHIP.—In 1889 the general Committee of Lloyd's Register of British and Foreign Shipping intimated their intention of establishing a Scholarship of the yearly value of £50, tenable for three years by students of Naval Architecture in this University. In 1893 two additional Scholarships, each of the same value and tenure as the first, were announced. They are open to competition to candidates whose age does not exceed 23 years. Each candidate must produce satisfactory evidence that £50 a year would enable him to pursue his studies, and that he would be unable to do so unless this aid were afforded. The subjects of examination are the following :—Euclid, Books I. II. III. IV. VI. and XI. ; Algebra, including Quadratic Equations, the three Progressions, and Binomial Theorem ; Plane Trigonometry, with use of Logarithms ; Elements of Statics, Dynamics, and Hydrostatics ; Practical Shipbuilding ; Mechanical Problems. A preference will be given to a candidate who possesses a thorough grammatical knowledge of English and of either French or German, although he may be somewhat deficient in the other subjects prescribed. One Scholarship will be open to competition in October, 1896. Names of Candidates to be sent to the Assistant Clerk (Matriculation Office) on or before 23rd September, 1896.

Scholar—Charles C. Gearing, 1894 ; John G. Stevenson, 1895.

LUKE FELLOWSHIP.—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, "to perpetuate the memory of his nephew George Rankin Luke" (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), "in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial." Professor Nichol exercised the discretionary power thus conferred on him by directing that the sum bequeathed should be applied to the founding of a Luke Fellowship. The following are the regulations :—

1. There shall be a single Luke Fellowship (of about £80 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second years.

2. The Luke Fellowship shall be awarded on examination on English Literature, and on prescribed periods in History.

3. The Luke Fellowship shall be open to competition in October, 1868, and thereafter triennially.

4. Competitors for the Luke Fellowship must be Masters of Arts of this University, of not more than three years' standing ; provided always that students graduating at the supplementary graduation in November of any year shall, for all purposes, be held to have graduated at the ordinary graduation in the May immediately preceding.

5. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

6. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship ; but in the event of a candidate's being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the Luke Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Ordinance No. 100 of the Universities Commission (1889) prescribes that the provisions of Ordinance No. 57 shall apply to the Luke Fellowship, and also provides that it shall not be a condition of tenure of the Fellowship that the holder shall give assistance in teaching the class of English Literature.

The next competition for the Luke Fellowship will take place in October, 1898.

Mackay Smith Scholarships.—One in Natural Philosophy, the other in Chemistry, each of the annual value of £48, and tenable for two years in the Universities of Edinburgh and Glasgow alternately. During sessions 1882-83 and 1883-84 they were held in the University of Edinburgh, and during sessions 1884-85 and 1885-86 in the University of Glasgow. The next examination will be held in this University at the close of session 1896-97. Candidates must have already attended, or must be then attending the class of Natural Philosophy or Chemistry respectively. The examination in Chemistry will be held along with the examinations for the Degree of B.Sc. (new regulations), and the examination in Natural Philosophy along with the examinations for M.A.

Metcalfe Fellowship.—Founded by the late Miss Sarah Metcalfe, Glasgow. (See under Metcalfe Bursaries, p. 265.)

The following are the regulations of the Metcalfe Fellowship :—

1. There shall be a Fellowship on the Metcalfe Foundation of the annual value of £100, tenable for three years, to be competed for in October, 1872, and thereafter triennially (1896).

2. Candidates must be Masters of Arts with Honours in the group of Mathematics and Natural Philosophy, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall for all purposes be held to have graduated at the ordinary graduation in the May immediately preceding.

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the group of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering, and Chemistry—as the Senate shall in each case prescribe.

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship; and the holder of the Eglinton Fellowship shall not be allowed to compete for the Metcalfe Fellowship; but in the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Fellow—[1] William S. Templeton, M.A., 1893.

Sandford Scholarship.—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek language. Value about £20 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of April (1897), and is open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors :—Homer, 12 books; Herodotus, 4 books; Sophocles, 3 plays; Thucydides, 4 books; Æschylus, 3 plays; Demosthenes, one or more orations; Aristophanes, 3 plays; Xenophon's *Memorabilia;* Pindar; Plato, one or more dialogues.

[1] Vacant through lapse of time

Candidates are examined on not more than four of the above-mentioned authors (of which Homer is always one)—two in prose and two in verse; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

The subjects for April, 1897, will be—Homer, *Odyssey*, XIII.–XXIV.; Sophocles, *Antigone*, *Oedipus Tyrannus*, *and Philoctetes;* Herodotus, VI.–IX.; Plato, *Gorgias*. Unseen Translation; Prose Composition, and verse if any candidate offers it.

Scholar—George S. Adams, 1895.

SCOTT SCHOLARSHIP—(See under head "Scott Bursaries," p. 274). —This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years' standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. "The subjects of examination for the said Scholarship shall be, with the addition after-mentioned, Classics, or Mental Philosophy, or both of these, the special subjects being those for the examination for the M.A. degree with Honours in the given department or departments for the year, and in addition to the examination above mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass." The Scholarship will be open to competition in October, 1896. The examination will be in Mental Philosophy and in English Literature (not Language) from Chaucer downwards.

Scholar—[1] John Charles Scott, 1894.

SHAW PHILOSOPHICAL FELLOWSHIP.—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the Parish of Riccarton, and County of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is

[1] Vacant through lapse of time.

open to the competition of the Graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely :—

1. The said Fellowship shall bear the name of "THE SHAW PHILOSOPHICAL FELLOWSHIP," in memory of the said Sir James Shaw, Baronet.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities—that is to say, the University of Edinburgh, the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only, but the said Senatus Academicus of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University of Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the

Examiners shall be appointed by the Senatus Academicus of the University of Edinburgh, either from among the members of the said Senatus or others, as they may think proper, and the other Examiner shall be appointed by the Senatus Academicus of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the Senatus Academicus of the University of Edinburgh, who shall, as Patrons of the said Fellowship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand One Hundred Pounds, and of any addition of the said sum which may hereafter be made thereto, as after-mentioned, after deducting all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary, in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the Senatus Academicus of the University of Edinburgh to require the holder of the Shaw Philosophical Fellowship during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded ; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them ; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

Present Fellow—Henry Barker, M.A. (of Edinburgh University), 1893.

Snell Exhibitions.—In the year 1677, Mr. John Snell of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme

it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the Foundation should thereby be increased beyond fourteen, in which case not more than two were to be elected, the Exhibition being tenable for five years; but by an agreement of date 2nd April, 1878, under provisions of the same scheme, the following regulations were sanctioned :—

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December, 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would be thereby increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

By a subsequent agreement of date 21st January, 1886, the following modifications were made :—

1. The value of the Snell Exhibitions shall be reduced to £80 a year.

2. They shall be held, as heretofore, for five years, but the whole sum of £400 will be paid to each Exhibitioner during the first three years of his tenure in equal annual sums, but a moiety of the last annual payment shall be kept back, if the authorities of Balliol College think fit, until the Exhibitioner shall have taken his Degree.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided[1] as Undergraduate Students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year; but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scotch University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st

[1] By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purpose of the Snell Trust, be constituted by regular attendance as a public student for the complete winter session on not less than two of the classes in the curriculum for the Degree of Arts.

December, 1896. The next examination will be held in March and April, 1897, on the same days and at the same hours as the Examinations for the Degree of M.A. with Honours, the English paper being taken on Saturday, 27th March, at 10 A.M.

The subjects of examination are as follows :—

In Latin, Greek, Logic, and Moral Philosophy.—The subjects of examination for the Degree of M.A. with Honours.

In Natural Philosophy and Mathematics.—The subjects of examination for the Ordinary Degree of M.A., and higher subjects which any candidate may express a wish to be examined in.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the three departments of the examination, viz.: Classics, Mental Philosophy, Mathematics; that a candidate may be appointed for decided excellence in any one department alone; and if such excellence in some one of the departments be not displayed by three of the candidates, the Senate will either appoint a candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time.

Exhibitioners—[1] George D. Brown, 1891; Edward H. Wallace, 1893; William Gow, 1894; William K. Gillies, 1895; George S. Adams, 1895.

Thomson Experimental Scholarships.—Three Scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson (now Lord Kelvin), LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal of date September 6th, 1869, in which, after referring to "the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise," and the "facilities for experimenting which the College had afforded him," he states that "he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University," and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy from among students who have previously shown their zeal and ability in Experimental Investigations in the Physical Laboratory, and they are required to engage in the continual prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

[1] Vacant through lapse of time.

Scholars for 1896—James M. Bell, George A. Clark, William S. Templeton, M.A., B.Sc.

3.—*PRIZES.*

Besides the class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public spirited individuals has founded for the encouragement of learning in the University.

The names of the Prizemen for Session 1895-96 will be found in the Degree and Prize List.

INDEX.

Foundation.	Nature of Prize.	Awarded for
Arnott, - - - - -	£25 and £15,	Examinations.
Brunton Memorial, -	£10,	Do.
Buchanan (3), - - -	Books,	Do.
Cleland, - - - - -	Gold Medal,	Do.
Cleland & Rae Wilson,	Four Gold Medals,	Do.
Coulter, - - - - -	Two at £5 each,	Essays.
Cowan, - - - - -	Three Gold Medals,	Examinations.
Cunninghame, - - -	Gold Medal,	Do.
Dickson Prize, - - -	Books,	Do.
Dill, - - - - - - -	£25,	Thesis.
Dobbie-Smith, - - -	Gold Medal (biennial),	Essay.
Dowanhill, - - - -	£21 and £10 10s.,	Elocution.
Ewing, - - - - -	Gold Medal (biennial),	Essay.
Findlater, - - - - -	£38,	Examination.
Gartmore, - - - -	Gold Medal (biennial),	Essay.
Gladstone Historical -	£21 (biennial),	Examination.
Harvey, George, - -	£20,	Do.
Henderson, - - - -	£21,	Essay.
Jamieson, - - - -	£10,	Examination.
Jeffrey, - - - - -	Gold Medal,	Do.
Kirk Memorial, - - -	£12,	Do.
Logan, Thos., Memorial,	Gold Medal and £12,	Do.
Luke Historical, - -	£10 (biennial),	Do.
Macfarlan and Cook, -	£21,	Do.
Macleod, - - - - -	Gold Medal,	Do.
Muirhead, - - - -	Books,	Do.
Muirhead, G. Roger, -	£2 10s.,	Do.
Reid, John, - - - -	£25,	Original Research.
Ross, Robert (2), - -	Med., books, or money,	Examinations.
Scott-Macfarlan, - -	Gold Medal,	Examination.
University, - - - -	Silver Medal,	Essay.
Walker (4), - - - -	Books, etc.,	Examinations.
Watt, - - - - - -	£10,	Essay.

ARNOTT PRIZES.—Founded in 1869, by Dr. Neil Arnott of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the Medical students of the University.

By resolution of the Senate of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations—one in General Physics, for students of the first and second years of their Medical studies ; the other for students of the third and fourth years, in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences ; that a sum of not less than Twenty-five pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examination.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant Clerk (Matriculation Office) ; and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught ; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 10th October, 1896, in the Examination Hall, at 2 P.M. Intending candidates to give in their names to the Assistant Clerk (Matriculation Office) on or before 23rd September.

BRUNTON MEMORIAL PRIZE.—Founded in 1879, in memory of the late Duncan M. Brunton, M.A., M.B., Paisley, a distinguished graduate of this University, who died on 16th November, 1876, of fever, contracted in the diligent discharge of his professional duties in the Royal Infirmary of Paisley. The Committee of Subscribers paid over to the Senate the sum of £300, the interest of which is to be given annually to the most distinguished graduate in Medicine of the year.

BUCHANAN PRIZES.—A Bursary was founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University during the long period of forty years. The fund consists of a sum of £314 raised by subscription. The Buchanan Bursaries having been founded under the Will of Professor Buchanan, the proceeds of this fund are now, with the sanction of the subscribers, applied to the purchase of books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

CLELAND AND RAE WILSON GOLD MEDALS.—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity, and a student of Natural Philosophy, as a prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

Dr. William Rae Wilson of Kelvinbank, who died 2nd June, 1849, founded a Gold Medal to be bestowed upon the Divinity student who should produce the best Essay on the Life of Christ.

These foundations are now regulated by Ordinance No. 97 of the Universities Commission (1889). The Cleland Gold Medal, not exceeding ten guineas in value, is awarded to the most distinguished student in the class of Natural Philosophy in each year. The remainder of the free income of the Cleland Foundation is added to the total free income of the Rae Wilson Foundation, to provide four Gold Medals of equal value. These medals are awarded in each year as follows:—One to the most distinguished student in each of the classes of (1) Divinity, (2) Ecclesiastical History, (3) Hebrew and Semitic Languages, and (4) Divinity and Biblical Criticism. In the event of there being no student of sufficient distinction in any of these classes, the proportion of the income for

that year may be applied towards the promotion of theological study in such manner as the Senate may decide.

Coulter Prizes.—In 1787 Mr. James Coulter, merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes of £5 each; the one to be given in alternate years for a Sermon or Theological Essay, and for an Essay on Mental Philosophy and English Literature, the other to be given annually for a translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all students of the University.

Cowan Gold Medals.—In 1836 Dr. Cowan of Sunderland presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of about £10 each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839) the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The examination for Dr. Cowan's Blackstone Medals will be held early in November, 1896. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal—1. A candidate must have received a Certificate in the Greek Class for session 1895-96.

2. Every candidate will be required to answer a Preliminary Paper, consisting of unprepared passages for translation.

3. Two or more candidates, selected by this paper, will on a subsequent day be examined orally in the books which they offer.

4. Each selected candidate must offer for the Oral Examination (i.) one Verse Subject, (ii.) one Prose Subject. (i.) The Verse Subject must be *either* five books of Homer, *or* two Greek plays (tragedies or comedies). (ii.) The Prose Subject may be any *one* of the following:—(*a*) Herodotus—two books; (*b*) Thucydides—two books; (*c*) Plato—two dialogues, or two books of the *Republic*; (*d*) Aristotle—two books of the *Ethics*, of the *Politics*, or of the *Rhetoric*.

5. Any member of the Greek Class for session 1896-97 is at liberty to go in for the Preliminary Paper, even though he is not a candidate for the Cowan Medal; and if he acquits himself with distinction in that paper, his name will be mentioned when the award of the Medal is announced.

For the Latin Medal, competitors must in the session preceding the competition have received a public ticket of the Latin Class.

Notice is hereby given, that at the examination for Dr. Cowan's Medals in November, 1892, and thereafter, no one will be admitted to compete for the Greek Cowan Medal who has attended for more than three sessions, or who, after passing the preliminary examination in Greek, has attended for more than two sessions in any Scottish University, and no one shall be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who, having been admitted to the Senior Class in consequence of having passed the preliminary examination in Latin, has attended for more than one session in any Scottish University.

Cunninghame Gold Medal.—In 1886 Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, bequeathed to the University, *inter alia*, £350, free of legacy duty, with directions that the annual revenue thereof should be applied in purchasing a Gold Medal as a prize in the class of Mathematics.

Dickson Prize.—In 1895, when Professor Dickson retired from the Chair of Divinity, his former students presented him with a testimonial consisting of silver plate and a cheque for £120. This sum was handed over by Dr. Dickson to the University Court, that the free annual income might be applied in the form of a prize of serviceable books to accompany the gold medal given to the most distinguished student of the year in the class of Divinity. In accordance with the wish of the subscribers the prize has been called the Dickson Prize.

Dill Prize.—A sum of £25 was presented to the Medical Faculty in 1893 by the late Professor Robert F. Dill of Belfast (M.D. Glasgow, 1834) as evidence of his desire to promote the interests of the University and Medical School, by offering a prize for the best Thesis among those awarded "Honours" or "Commendation" from June, 1893, to the graduation of July, 1896.

Dobbie-Smith Gold Medal.—In 1881 Mr. Thomas Smith, L.R.C.S.E., Heriot Hill House, Edinburgh, presented to the University, in memory of his wife, lately deceased, the sum of £150 for the purpose of founding a University Gold Medal of about £10 in value, to be given biennially for the encouragement of the study of Botany. The competition is open to all Matriculated Students of the session in which the Medal is to be awarded; the subject of competition—which shall always be a Botanical subject—to be selected by the Professors of Botany and Natural History, and announced at least eighteen months before the date fixed for receiving essays.

The subject for the next competition to be an Essay on any subject within the limits of the Science of Botany. The treatment of the subject to show original work, and the essay to be accompanied

by an illustrative series of macroscopic and microscopic specimens. Essays to be given in to the Principal on or before 30th October, 1896.

Dowanhill Prizes.—Two prizes, one of £21, and the other of £10 10s., for "Excellence in the Art of Oratory and Declamation, and in the practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865 by Mr. John Buchanan, merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also merchant in Glasgow, and in order to carry out the intentions of his said brother. These prizes are awarded annually to Students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.[1]

The above foundation is in memory of the late Mr. James Buchanan of Dowanhill, of Ellison MacCallum, his wife, and of Mr. George Buchanan of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

Ewing Gold Medal.—In 1828 James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal to be given every second year for the best essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

Findlater (Divinity) Scholarship or Prize.—This Scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations have been adopted by the Senate :—

1. The Findlater Scholarship shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

The next competition will take place in October, 1896, and March, 1897. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 21st October, 1896.

Gartmore Gold Medal.—In 1788 Mr. Robert Graham of Gartmore presented the University with £100 for the institution of a Prize for the best essay on any subject intimately connected with the nature, foundation, advantages, and support of political liberty.

[1] See note under Faculty of Theology, *supra*.

This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The founder directed that the surpluses should be accumulated till a capital was formed sufficient to found a Bursary.—See Gartmore Bursary, p. 243.

Gladstone Historical Prize.—Founded in 1880 by the Gladstone Club, in commemoration of the election in 1877 of the Right Honourable William Ewart Gladstone, M.P., as Lord Rector of Glasgow University, and in recognition of his distinguished career as a scholar, author, statesman, and orator. The following are the regulations:—

1. The prize shall be given for the best examination in English History.
2. The examination shall be held biennially.
3. The value of the Prize shall be Twenty Guineas.
4. The competition shall be open to Graduates of Glasgow University of not more than two years' standing from the date of their first graduation. The seventh competition will take place in January, 1898. Names of competitors to be given in to the Assistant Clerk (Matriculation Office) not later than 1st December, 1897.

George Harvey Prize.—Founded in 1874, by the liberality of a donor who has withheld his name, in memory of the late Mr. George Harvey of No. 9 Park Quadrant, Glasgow. Annual value ordinarily £20, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of applied Mechanics and Shipbuilding. Any accumulat on of surplus income to be given as a second prize of £5 or £10 in the same department.

Henderson Prize.—In 1850 Mr. John Henderson of Park, merchant in Glasgow, instituted an annual prize of the value of £21 sterling, to be called the "Henderson Prize," for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath. The Universities Commission (1889), by Ordinance No. 101, altered the conditions and directions affecting this prize. It is now to be awarded for the best essay on a subject to be fixed by the Faculty of Divinity, provided always that in every third year at least, the subject shall relate to the Divine authority and practical value and influence of the Sabbath. The competition is to be open to Masters of Arts of not more than five years' standing, as well as to matriculated students of the University.

Jamieson Prize.—In 1854 a subscription list was opened for the foundation of a prize or scholarship in Divinity, but the commercial difficulties of the following years prevented the purpose of the promoters being carried out at the time. In 1881 the sum subscribed,

amounting, with accumulated interest, to £319 6s. 4d., was handed over to the University, and the Senate resolved to connect it with the name of the Convener of the Committee of subscribers, the Rev. Robert Jamieson, D.D., formerly minister of St. Paul's Church, Glasgow.

The following regulations have been adopted by the Senate :—

1. The Jamieson Prize shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

4. The Prize shall not be awarded to any one who has gained a Scholarship or Fellowship in Divinity.

The next competition will take place in October, 1896, and March, 1897. Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 21st October, 1896.

Jeffrey Gold Medal.—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal and continued to do so annually.

In 1849 Lord Jeffrey presented the University with the sum of £120 for a Gold Medal to be awarded each session to the most distinguished student of the Greek Class.

Kirk Memorial Prize.—A sum of £402 was collected in 1893 by various friends of the late Alexander Carnegie Kirk, LL.D., formerly President of the Institution of Engineers and Shipbuilders in Scotland, for the purpose of founding a prize in his name, in connection with the Naval Architecture Class in the University. The free annual income of the foundation is awarded annually as a prize. The competition is open to students who have, in the session of competition, attended the Senior Class of Naval Architecture, and who are completing the Final Science Examination under Ordinance No. 23, Glasgow No. 2, embracing (*a*) Naval Architecture with Marine Engineering, and (*b*) Practical Work in Ship and Marine Engineering Drawing, the award being determined by the proficiency shown in (*a*) and (*b*). Should two or more candidates be reported equal, the Senate may divide the Prize, or prescribe a further examination. The subscribers have given the Senate power to convert this Prize into a Bursary, should it be found expedient or advantageous to do so at any future time.

Thomas Logan Memorial Medal and Prize.—Mr. David Logan, fruiterer, Glasgow, who died on 19th May, 1886, directed his trustees to pay to the Senate the sum of £500, free of legacy duty,

to found a Gold Medal and Prize in memory of his brother, Thomas Logan. The Medal is of the value of £5, and the Prize consists of the balance of the annual proceeds given in money. They are awarded annually in November to the most distinguished graduate in Arts of the year.

Luke Historical Prize.—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient History and Literature. The examination to be conducted either altogether in writing, or by combination of writing and *viva voce* questions ; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an examination in Ancient Greek and Roman History.

The next competition will be held in January, 1897. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during session 1895-96 any Greek or Latin Class.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st December, 1896.

Macfarlan and Cook Testimonial Prize.—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D. of this University, and Professor George Cook, D.D. of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological Student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

Macleod Medal.—In 1895 Lady Macleod instituted this Gold Medal in memory of her husband, Sir George Husband Baird Macleod, M.D., LL.D., Regius Professor of Surgery in this University from 1869 to 1892. The competition is open only to those who have attended the classes of Systematic and Operative Surgery taught by the Regius Professor of Surgery in the University, and women students are not eligible. The Medal is awarded yearly to

the student who most distinguishes himself in the work (written, oral, and practical) of these classes.

Muirhead Prizes.—In 1776 Messrs. John Muirhead of Teggetsheugh, and Peter Muirhead, minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in purchase of books to be awarded as prizes to those students attending the Humanity Class who shall be thought most deserving.

George Roger Muirhead Prize.—In 1896 a sum of £100 was bequeathed to the University by Mrs. Elizabeth Lockhart Roger or Muirhead, Glasgow, to found a prize in the Chemistry class in memory of her son, George Roger Muirhead, who studied Chemistry in this University. The free annual income is paid annually to the medallist of the Chemistry class for the year.

Rae Wilson Gold Medal.—(See Cleland and Rae Wilson, p. 305.)

John Reid Prize.—A Prize of the value of £25 was founded in 1882 by Miss Mary Reid, Renfrew Street, Glasgow, in memory of her brother, the late Mr. John Reid, surgeon, 150 Renfrew Street, Glasgow. The prize will be awarded for the best original research conducted in one of the Hospitals or Scientific Laboratories in Glasgow, bearing on any department of Medical Science. The competition is open to registered students of medicine of not less than two years' standing; and to qualified medical men of not more than two years' standing, who (1) are still attached as *bonâ fide* students to one of the Glasgow Medical Schools, who (2) are not engaged in practice, and who (3) undertake to give up the prize if they enter on practice while holding it. All candidates are required to produce evidence of having attended a regular course of instruction, in one of the medical schools of Glasgow, on *four* of the following subjects:—Medicine, Clinical Medicine, Surgery, Clinical Surgery, Materia Medica, Physiology, Pathology—such course of instruction having been received, in whole or in part, within three years of competing for the prize. The prize may be awarded for one, two, or three years, according to the value of the work done.

Further information may be obtained from Mr. John Hurll, jun., writer, 121 West Regent Street, Glasgow.

Robert Ross Prize.—The late Robert Ross, Esq., writer, Glasgow, by his Will, dated 1880, bequeathed to the Dean and Council of the Faculty of Procurators, Glasgow, the sum of £500, to be held by them in trust, "to the end that the free annual income thereof shall be applied as an annual prize in the form of a medal, of books, or of money, as the Dean and Council may determine, to a student in each of the Scots Law Class and the Conveyancing Class of the University of Glasgow in equal proportions, such prize to be

Nichol Memorial Prize.—In 1895 Mrs. Jack presented the University with the sum of £150 for the purpose of founding a Prize to be called the Nichol Memorial Prize, in memory of her brother, John Nichol, LL.D., Professor of English Language and Literature in this University from 1862 till 1889, who died in London on 11th October, 1894, and especially in commemoration of the active interest which he took in the teaching of English Literature to women in Glasgow and elsewhere. The free income of the fund is applied annually to providing a first prize for the English Literature Class in Queen Margaret College.

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awarded for eminence displayed, either in the general business of the class or in any other manner in which the said Dean and Council may prescribe."

Scott-Macfarlan Gold Medal.—Founded in 1870 by Miss Scott, daughter of the late Rev. Robert Allan Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called the "Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session; the medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek Class, Miss Scott consented to give the "Scott-Macfarlan" Medal to the best student in the middle class.

University Medal.—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

Walker Prizes.—Four Prizes (consisting of Books or Instruments) to be competed for each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861 by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the class of Civil Engineering and Mechanics during the current session.

The competitors are examined orally and in writing; and two of the prizes are awarded on the results of the written examinations; the other two by votes of the class.

Watt Prize.—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study, to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who had completed, or who, at the end of the session in which the Prize fell to be awarded, should have completed a regular course of study in Languages and Philosophy, might be competitors. By Ordinance No. 93 of the Universities Commission (1889) it is provided that the Watt Prize shall be discontinued, that the funds shall be allowed to accumulate for four years, and that thereafter, subject to certain contingencies, a James Watt Scholarship in Engineering, or two Bursaries in Engineering shall be established.

4.—*LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION* 1896-97.

A.—FACULTY OF ARTS.

1.—BURSARIES.

The following is a summary of the principal provisions of Ordinance No. 57[1] of the Universities Commission (1889) relating to the Bursary competition :—

The subjects of the examination for open Bursaries in Arts of the first year shall be the subjects prescribed for the Arts Preliminary, of which subjects candidates may select not more than five. Candidates who select Latin, Greek, or Mathematics, must take the papers of the higher standard in those subjects. In determining the marks to be assigned to the several subjects of examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senate may from time to time prescribe.

No Candidate shall, except as hereinafter provided, obtain an open Bursary in Arts who shall not have passed the Preliminary Examination in Arts ; provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to an open Bursary in Arts a Candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

No student who has during a winter or summer session attended in any Scottish University any class qualifying in his case for graduation in Arts or Science, shall be eligible to compete for Bursaries of the first year in Arts or Science.

Candidates for Bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts, and no Bursary shall, except as hereinafter provided, be awarded to any Candidate who shall not have passed the Preliminary Examination in Arts : provided that it shall be in the

[1] The full text of this ordinance is printed at pp. 218-222.

power of the Senate, with the approval of the University Court, to admit to a Bursary in Arts not awarded by open competition a Candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

For Students Entering the First Session in Arts.

1. *Black Bursary*, annual value £21, tenable for four years—open.

2. *Crawfurd & Brown Bursary*, annual value £19 13s. 4d., tenable for four years—open.

3. *Forfar Bursary*, annual value £30, tenable for four years—open.

4. *Foundation Bursary*, annual value £20, tenable for four years—open.

5. *King William's Bursary*, annual value £15, tenable for three years—open.

6. *Leyden Bursary*, annual value £13, tenable for three years—open.

7. *Scott Bursary*, annual value £25, tenable for four years—open.

8. *Stewart Bursary*, annual value £15, tenable for four years—open.

9, 10, 11, 12, 13, and 14. *Sir John Clark* (*Mile-End*) *Bursaries*, annual value £30 each, tenable for four years, for Protestant students, sons of Protestant parents.

15. *Ayrshire Masonic Bursary*, annual value £20, tenable for four or three years, for sons of Ayrshire Freemasons. Apply to the Secretary of the Trust, Dalry, Ayrshire.

16. *Barbour Kilbarchan Bursary*, annual value about £16, tenable for three years, open only to candidates not exceeding 18 years of age from Kilbarchan Public School.

17 and 18. *Two Biggart Memorial Bursaries*, annual value £25 each, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

19. *Browne* (*Ayrshire*) *Bursary*, annual value about £20, tenable for four years, for natives of Ayrshire, or those who have been educated for not less than four years in a school in Ayrshire.

20. *Buchanan* (*Ballfield*) *Bursary*, annual value £50, tenable during the whole curriculum, for students preparing for the Ministry of the Church of Scotland.

21. *Cowan Bursary*, value for each of first two years £30, for third year £20, for students who have attended Ayr Academy for at least two years before the date of examination. Apply to Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September.

22. *Denny Bursary*, annual value £30, tenable for four years, for students from Dumbarton Burgh Academy. [Tenable in any Faculty.]

23. *James Ewing Entrance Bursary*, annual value £20, tenable for four years, for sons of Glasgow merchants. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

24 and 25. *Two Fullarton of Overton Bursaries*, annual value £20 each, tenable for two years, for students under 25 years of age, from the district of Cunninghame, in Ayrshire. Subjects for Examination—Latin, Elementary Mathematics, and English.

26. *Hamilton Educational Trust Bursary*, annual value £15, tenable for three years, open to pupils attending public or State-aided schools in the burgh and Parish of Hamilton. Apply to Mr. Patrick Keith, Writer, Hamilton, before the first day of September.

27. *Hannay Bursary*, annual value about £15, tenable for three years, for students preparing for the Ministry of any Evangelical Religious Denomination in Scotland. Apply to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September.

28, 29, and 30. *Three Glasgow Highland Society's Bursaries*, annual value £20 each, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September.

31 and 32. *Two Glasgow City Educational Endowments Bursaries*, annual value £25 each, tenable for four years, for students from public or State-aided schools in Glasgow. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

33, 34, 35, 36, and 37. *Five Hutchesons' Educational Trust Bursaries*, annual value £20 each, tenable for four years, for students who have attended two sessions in the secondary department of Hutchesons' Grammar School. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

38. *Alexander Laing Bursary*, annual value £20, tenable for three years, preference *cæteris paribus* to natives of Brechin.

39 and 40. *Two James Laing Bursaries*, annual value £25 each, tenable for four years, for students who have been educated for at least three years in a school or schools in Stirlingshire. Apply to Mr. William Jenkins, Writer, Denny, before the first day of September.

41. *Lochhead and Mitchell Bursary*, annual value £32, tenable for four years. Preference to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland.

42, 43, 44, and 45. *Four Marshall Trust Bursaries*, annual value £30 each, tenable for five years, for students from public or State-aided schools in Lanarkshire or Stirlingshire. Apply to Mr. Wm. Mitchell, 134 Wellington Street, Glasgow, before the first day of September.

46. *James Paterson Bursary*, annual value £23, tenable for four years, for students preparing for the Ministry of the Baptist Church.

47. *Patrick Bursary*, annual value about £40, tenable for four years, for students from Renfrewshire.

48. *Pollock Bursary*, annual value £40, tenable for three years. Preference to candidates educated in Paisley.

49 and 50. *Two Ramsay-Walker Bursaries*, annual value £12 each, tenable for four years, for students preparing for the Ministry of the Established Church of Scotland. Preference to kin of Founder; whom failing, to students of name of Walker; whom failing, to natives of Glasgow.

51. *Stevenson of Dalry Bursary*, annual value £32, tenable for four years, for students preparing for the Ministry of the Church of Scotland. Preference to natives of Dalry in Ayrshire; whom failing, to natives of Bannockburn or St. Ninians in Stirlingshire.

52. *William Whyte Bursary*, annual value £25, tenable for four years, open to students who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Apply to Messrs. Hill & Hoggan, 194 Ingram Street, on or before the first day of September. [Tenable also in Law or Medicine.]

53. *Major Young's Fund*, annual value £20, tenable for six years, open to students who are entering upon a course of study for a degree in Law.

54. *James Thomson Philosophical Bursary*, annual value £11, tenable for two years. The subjects of examination are the same as the Mental Philosophy subjects for the Lorimer Bursaries, Nos. 62 and 63.

For Students Entering the Second Session in Arts.

Nos. 2, 3, 4, 5, 6, 7, 8, 20, 24, 25, 39, 40, 51, 54 in the preceding list.

55. *Park General Council*, annual value £20, tenable for two years—open.

56 and 57. *Two James A. Paterson Bursaries*, annual value £40 and £20 respectively, tenable for three years, for students preparing for the Ministry of the United Presbyterian Church. The subjects of examination are Greek and Hebrew, as detailed at page 271.

For Students Entering the Third Session in Arts.

58 and 59. *Two Lorimer Bursaries*, annual value £20, tenable for three years. The examination will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

60 and 61. *Two Lorimer Bursaries*, annual value £20, tenable for three years. Subjects of Examination—1. *Logic*: (*a*) Descartes, *Meditations* (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the Pre-Socratic period; 2. *English Literature*: (*a*) Shakespeare's *As You Like It*; (*b*) Tennyson's *Idylls of the King*.

For Students in Arts without Restriction to a Particular Session.

62. *James Ferguson Bursary*, annual value £80, tenable for two years. Preference, *caeteris paribus*, to natives of Lesmahagow, or Muirkirk, or Pictou, Nova Scotia, and also to students of the name Ferguson or Weir, or to the kin of the Founder. The examination is the same as that for honours in Mental Philosophy with a paper on English Literature.

63. *Malcolm Kerr Bursary*, annual value £15, tenable for three years. The subjects of examination are in Chemistry, and are those for the Final Science Examination for B.Sc.

64. *Monteith Bursary*, annual value about £14, tenable for three years. Open only to natives of Scotland and sons of Scottish parents. Examination in German.

65. *Muir Junior Bursary in Mathematics*, annual value £9, tenable for sessions 1897-98, 1898-99. The appointment will be determined by the results of the written examinations passed in the course of the session 1896-97 by the public students of the second class of Mathematics.

66. *Muir Senior Bursary in Mathematics*, annual value £18, tenable for session 1897-98. The appointment will be determined by the results of the written examinations passed in the course of the session 1896-97 by the public students of the Intermediate Honours Mathematical Class.

FOR STUDENTS IN ARTS, OR LAW, OR MEDICINE.

67 and 68. *Two Macdonald Bursaries*, annual value £14, tenable for four years, for miners under the age of 21 years. Examination in writing, arithmetic, geography, grammar, and history.

For the William Whyte Bursary, see No. 52.

2.—FELLOWSHIPS, SCHOLARSHIPS, ETC.

69. *Eglinton Fellowship in Classics*, annual value £100, tenable for three years. Open to Glasgow Masters of Arts.

70. *John Clark (Mile-End) Scholarship in Classics*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

71. *Armagh Bursary in Mental Philosophy*, annual value £42, tenable for three years in Theology, Law, or Medicine. Open to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours.

72. *John Clark (Mile-End) Scholarship in Mental Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

73. *Scott Scholarship*, annual value £80, tenable for two years. Open to Glasgow Masters of Arts. Examination in Mental Philosophy and in English Literature (not Language) from Chaucer downwards.

74. *John Clark (Mile-End) Scholarship in Mathematics and Natural Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

75. *Metcalfe Fellowship*, annual value £100, tenable for three years. Open to Masters of Arts with Honours in Mathematics and Natural Philosophy of not more than three years' standing.

76. *Snell Exhibition*, value about £133 a year, tenable for three years. Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided as undergraduate students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland."

77 and 78. *Two Mackay Smith Scholarships*, one in Natural Philosophy, the other in Chemistry, open to students of these subjects respectively, annual value of each £48, tenable for two years.

79. *Luke Historical Prize* of £10, open to all students who have attended, during session 1895-96, any Greek or Latin Class.

80. *Thomas Logan Memorial Medal and Prize* of £12 will be awarded in November to the most distinguished graduate in Arts of the year.

Dates of Examinations.

The examinations for Bursaries Nos. 1 to 53 and No. 55 in the above list will commence on Friday, 25th September, at 2 p.m. The examination papers will be given in the following order, viz. :—

On Friday,	25th	September,	2— 5 p.m., Italian.
On Saturday,	26th	,,	9—11 a.m., English (1st paper).
,,	,,	,,	12— 2 p.m., English (2nd paper).
,,	,,	,,	3— 6 p.m., Lower Greek.
On Monday,	28th	,,	9—12 noon, Lower Latin.
,,	,,	,,	2— 5 p.m., Lower Mathematics.
On Tuesday,	29th	,,	9—11 a.m., Higher Latin (1st paper).
,,	,,	,,	12— 2 p.m., Higher Latin (2nd paper).
,,	,,	,,	3— 4.30 p.m., French (1st paper).
On Wednesday,	30th	,,	9—11 a.m., Higher Greek (1st paper).
,,	,,	,,	12— 2 p.m., Higher Greek (2nd paper).
,,	,,	,,	3— 4.30 p.m., German (1st paper).
On Thursday,	1st	October,	9—11 a.m., Intermediate and Higher Mathematics (1st paper).
,,	,,	,,	12— 2 p.m., Do. (2nd paper).
,,	,,	,,	3— 5 p.m., French (2nd paper).
On Friday,	2nd	,,	9—11 a.m., German (2nd paper).
,,	,,	,,	1— 4 p.m., Dynamics.

The examination for Bursaries Nos. 56 and 57, on Tuesday, 27th October, at 10 a.m., and Wednesday 28th October, at 2 p.m.; for Bursaries Nos. 58 and 59, on Thursday, 1st October, at 9 a.m. and 12 noon; for Bursaries Nos. 54, 60, and 61, on Wednesday, 14th October, at 10 a.m. and 2 p.m.; for Bursary No. 62, on Wednesday, 14th October, and Thursday, 15th October, at 10 a.m. and 2 p.m. each day, and on Friday, 16th October, at 10 a.m.; for Bursary No. 63, on Monday, 5th October, at 10 a.m.; and for Bursary No. 64, on Wednesday, 30th September, at 3 p.m., and Friday, 2nd October, at 9 a.m. The examinations for the Bursaries Nos. 67 and 68 will be held in October, on days to be announced hereafter.

The examinations for the Scholarships and Fellowships Nos. 69 to 75 inclusive, in the above list, will be held along with the examinations for Honours in the several departments for the Degree of M.A. in October, 1896; for No. 76, along with the examinations for Honours in March and April, 1897, the English paper being taken on Saturday, 27th March, at 10 a.m.; for Nos. 77 and 78, along with the Spring examinations for M.A. and B.Sc. respectively; and for the Prize No. 79 in January, 1897.

Dates for sending in Applications.

Candidates for the Bursaries Nos. 1 to 59 inclusive and Nos. 64, 67 and 68 are required to give in their names to the Assistant Clerk (Matriculation Office), not later than Thursday, 10th September; and for Bursaries Nos. 60 to 63, not later than Wednesday, 23rd September. A schedule, which is to be filled up by each candidate, may be obtained from the Assistant Clerk (Matriculation Office). Candidates for the Bursary No. 15 must, besides, give in their names to the Secretary of the Ayrshire Masonic Bursary Trust, Dalry, Ayrshire, before the first day of September; for No. 21, to Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September; for No. 23, to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September; for No. 26, to Mr. Patrick Keith, Writer, Hamilton, before the first day of September; for No. 27, to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September; for Nos. 28 to 30, to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September;

for Nos. 31 to 37, to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September; for Nos. 39 and 40, to Mr. William Jenkins, Writer, Denny, before the first day of September; for Nos. 42 to 45, to Mr. William Mitchell, 134 Wellington Street, before the first day of September; and for No. 52 to Messrs. Hill & Hoggan, 194 Ingram Street, before the first day of September.

Candidates for the Fellowships, etc., Nos. 69 to 75 inclusive are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 23rd September; for No. 76 candidates are expected to inscribe their names in a book kept at the Clerk of Senate's office for the purpose, not later than the 1st December, 1896; for Nos. 77 and 78 candidates must give in their names to the Assistant Clerk (Matriculation Office), not later than 3rd March, 1897; and for No. 79 candidates are required to send their names to the Assistant Clerk (Matriculation Office), before 1st December, 1896.

B.—FACULTY OF SCIENCE.

Open to Competition during Session 1896-97.

1 and 2. *Strang Bursaries*, annual value £20, tenable for three years. Open to students of Engineering Science.

3. *Shipwrights' Company's Bursary*, value £25, tenable for one year, for students of Naval Architecture.

4. *Lorimer Bursaries in Mathematics*—see Nos. 58 and 59 under Faculty of Arts.

5. *George A. Clark Scholarship in Natural Science*, annual value £180, tenable for four years. Open to Glasgow Bachelors of Science in Pure Science, or students presenting themselves for the final examination for the Degree of B.Sc. in Pure Science, but no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the B.Sc. Degree.

6. *Malcolm Kerr Bursary*—see No. 63 under Faculty of Arts.

7. *Metcalfe Fellowship*—see No. 75 under Faculty of Arts.

8 and 9. *Two Metcalfe Bursaries*, each of annual value £25, tenable for two years. Open to students entering the class of Chemistry or of Intermediate Honours Mathematics.

10. *Lloyd's Register Scholarship*, annual value £50, tenable for three years. Open to candidates intending to become students of Naval Architecture, whose age does not exceed 23 years.

11 and 12. *Two Mackay Smith Scholarships*—see Nos. 77 and 78 under Faculty of Arts.

13 and 14. *Muir Bursaries in Mathematics*—see Nos. 65 and 66 under Faculty of Arts.

15 and 16. *Two Muir Bursaries in Civil Engineering and Mechanics*, each of annual value £12 10s., tenable for session 1897-98.

The examinations for Bursaries Nos. 1 to 3 will be held at the same time as the Arts and Science Preliminary Examinations in October, 1896; for No. 4 on Thursday, 1st October, at 9 a.m. and 12 noon; for Nos. 5 and 6 on Monday, 5th October, at 10 a.m.; for Nos. 7 to 10 on Friday, 9th October, and Saturday, 10th October, at 10 a.m. on each day; for No. 11 on Saturday, 3rd April at 10 a.m.; and for No. 12 on Monday, 22nd March, at 10 a.m.

Names of Competitors to be given in to the Assistant Clerk (Matriculation Office), for Nos. 1 to 4 on 10th September, for Nos. 5 to 10 on 23rd September, and for Nos. 11 and 12 on 3rd March, 1897.

For the Robert Donaldson Scholarship, 1851 Exhibition Science Scholarships, the Dobbie Smith Gold Medal, George Harvey Prize, Kirk Memorial Prize, the G. R. Muirhead Prize, and the Walker Prizes, see pages 288, 291, 307, 309, 310, 312, 313, respectively.

C.—FACULTY OF DIVINITY.

Open to Competition during Session 1896-97.

1. *John Adam Bursary*, annual value £15 each, tenable for four years. Open to students of Theology of the first year.

2. *Black Bursary*, annual value £42, tenable for three years. Open to students of Theology of the first year holding a degree in Arts of any Scottish University, or who have passed the examinations in four subjects taken out of at least two departments for graduation in Arts. Candidates must be members of the Church of Scotland.

3. *Logan Bursary*, annual value £16, tenable for three years. Open to competition to students who are entering upon their first year in Divinity.

4 and 5. *Two Lorimer Bursaries*, annual value £20 each, tenable for three years. Open to students entering the Divinity Hall.

6. *Marshall Bursary*, annual value £17, tenable for four years. Open to students of Theology of the first year, with a preference to the name Marshall.

7. *William Muir Divinity Bursary*, annual value £25, tenable for two years. Open to candidates who have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, not later than 21st October.

8. *Notman Bursary*, annual value £17, tenable in the Divinity course.

9. *John Ross, Jun., Bursary*, annual value £36, tenable for three years. Open to students of Divinity of the first year preparing for the ministry of the Church of Scotland.

10. *King William's Bursary*, annual value £20, tenable for three years. Open to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study in the University for graduation in Divinity.

11. *Black Theological Fellowship*, annual value £147 or thereby, tenable for one year. Open to Masters of Arts from any of the Universities of Scotland who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1897.

12. *The Findlater Scholarship Prize*, value about £38 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1897.

13. *The Jamieson Prize*, value about £10 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1897.

14. *The Macfarlan and Cook Testimonial Prize*, of £21, open to Theological students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

15 and 16. *Two Dowanhill Prizes*, one of £21, and the other of £10 10s., for Elocution. Open to students of Divinity of the third year.

Dates and Subjects of Examinations.

The examinations for Nos. 1 to 10 inclusive, in the above list, will be held on Tuesday, 27th October, and Wednesday, 28th October, at 10 a.m. each day; and for Nos. 11 to 13 on Tuesday, 27th October, Wednesday, 28th October, Thursday, 25th March, and Friday, 26th March, at 10 a.m. each day.

The following are the subjects of examination for Bursaries Nos. 1 to 10:—

Latin.—Cicero, *De Officiis;* Virgil, *Aeneid*, Book IV. Translation from English into Latin.

Greek.—Plato, *Apologia.* The Epistle to the Ephesians.

Logic.—Jevons, *Elementary Lessons in Logic.*

Moral Philosophy.—Muirhead, *Elements of Ethics.*

English.—Morley, *First Sketch of English Literature*, Chapter XI. (tenth edition, 1883). A short essay will be prescribed.

Mathematics.—Euclid, Books I., II., III. Algebra, to Quadratic Equations, inclusive.

Natural Philosophy.—Deschanel, *Physics*, Part I.

The subjects of examination for Nos. 11, 12, and 13 are the same as for the Degree of Bachelor of Divinity.

The subjects of examination for the Prize No. 14 for Session 1896-97 are as follows:—

Greek.—Mark i. 1–x. 45. Euripides, *Bacchae.*

Divinity.—Doctrine of Christ's Person and Work. Biblical Theology.—Discourses in Acts and First Epistle of Peter.

Hebrew.—Jeremiah, xxi.–li., and Psalms cvii.–cl. (Text, Exegesis, and Introduction).

Church History.—From A.D. 70 to A.D. 451.

Moral Philosophy.—Ferrier, *Lectures on Greek Philosophy.*

Dates for sending in Applications.

Candidates for Nos. 1 to 13 inclusive are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 21st October, 1896; for the Prize No. 14, to the Professor of Divinity, not later than 1st November, 1896; and for the Prizes Nos. 15 and 16, to the Professor of Divinity, not later than 12 March, 1897.

For the Armagh and the James Ferguson Bursaries, also tenable by students of Divinity, see Nos. 71 and 62 under Faculty of Arts.

D.—FACULTY OF LAW.

1. *Merchants' House Bursary*, annual value £25, tenable for three years, open to students of the first year in Law. Competitors are required to give

in their names to the Assistant Clerk (Matriculation Office), not later than Thursday, 10th September, and also to the Clerk of the Merchants' House, not later than 1st September.

2. *Major Young's Fund Bursary*, annual value £20, tenable for six years, open to students of the first year in Arts who intend to study for a degree in Law. Names of candidates to be given in not later than 10th September.

3. *Major Young's Fund Bursary*, annual value £20, tenable for two years, open to students of the first year in Law. Names of candidates to be given in not later than 10th September.

Competitors for Nos. 1, 2, and 3 are required to attend the Arts Preliminary Examination. For subjects and times see pp. 318, 319.

4. *Walkinshaw Young Bursary*, annual value £18, tenable for two years, open to students who since 1st December, 1894, have at an examination in Arts, for the Degree of B.L. passed in two Arts subjects, or have at one examination passed in any two subjects for the Degree of M.A. Application to be lodged with the Clerk of Senate on or before 1st December, 1896.

5. *Andrew Cunninghame Scholarship*, annual value about £32, tenable for two years, will be awarded in November, 1896, to the most distinguished Bachelor of Laws of the year, special consideration being given to eminence in Conveyancing.

For the William Whyte, the Armagh, the James Ferguson, and the Macdonald Bursaries, also tenable by students of Law, see Nos. 52, 71, 62, 67, and 68 under Faculty of Arts.

E.—FACULTY OF MEDICINE.

1. *Mackintosh Bursary*, annual value about £30, tenable for one year, open to medical students who have attended the Lectures on Insanity.

2. *Glasgow Highland Society Bursary*, annual value £25, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before 1st September.

3. *Marshall Bursary*, annual value £17, tenable for four years, open to students entering on their first winter session of medical study, with a preference to the name Marshall.

4. *Merchants' House Bursary*, annual value £25, tenable for four years, open to students entering on their first winter session of medical study. Apply to W. H. Hill, Esq., LL.D., Merchants' House, 7 West George Street, on or before 1st September, 1896.

5 and 6. *Two Lorimer Bursaries*, annual value £20 each, tenable for three years, open to medical students entering on their second session.

7. *Macfarlane Bursary*, annual value about £40, tenable for three years, open to medical students entering on their second session.

8. *Rainy Bursary*, annual value £20, tenable for two years, open to students entering on their third session of medical study.

9 and 10. *Two James A. Paterson Bursaries*, annual value £30 and £15 respectively, tenable for four years, open to students entering on their second session of medical study. Examination in Mathematics and Natural Philosophy.

11. *John Monteith Bursary*, annual value about £21, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in April and October, 1896.

12. *Andrew Weir Bursary*, annual value £18, tenable for one year, will be awarded in November in accordance with results of Second and Third Professional Examinations.

13. *Junior Arnott Prize*, of about £15, for an examination in General Physics, open to students of the first and second years of their medical studies.

14. *Senior Arnott Prize*, of £25, for an examination in Physiological Physics, open to students of the third and fourth years of their medical studies.

15. *Brunton Memorial Prize*, of about £10, is given to the most distinguished graduate in Medicine of the year.

Dates of Examinations.

The examinations for the Bursary No. 1 in the above list will be held in June; for Nos. 2 to 4 at the same time as the Medical Preliminary; for Nos. 5 to 8, on Monday and Tuesday, 5th and 6th October, at 10 a.m. each day; for Nos. 9 and 10, on Friday and Saturday, 9th and 10th October, at 10 a.m. each day; and for the Prizes Nos. 13 and 14, on Saturday, 10th October, at 2 p.m.

Dates for sending in Applications.

Candidates for the Bursary No. 1 are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 1st June; for Bursaries Nos. 2 to 8, not later than 10th September; for Bursaries Nos. 9 and 10, and for Prizes 13 and 14, not later than 23rd September.

For the William Whyte, the Armagh, the James Ferguson, and the Macdonald Bursaries, also tenable by students of Medicine, see Nos. 52, 71, 62, 67 and 68 under Faculty of Arts.

5.—*PATRONAGE BURSARIES*, 1896-97.

A. Faculty of Arts.

Appointments to the following Bursaries in the gift of patrons, including bodies corporate and not corporate, fall to be made before the opening of Session 1896-97. Candidates are required to present themselves for the Arts Preliminary Examinations, and for this purpose their names must be given in to the Assistant Clerk (Matriculation Office) on or before 10th September.

1. *James Adam Bursary*, see page 225.
2. *Adamson Bursary*, see page 226.
3. *Ardkinglass Bursary*, see page 226.

4 and 5. *Two Dundonald Bursaries*, see page 238.

6. *Hamilton Bursary*, see page 246.
7. *Howison and Gilchrist Bursary*, see page 249.
8. *Hyndford and Ross Bursary*, see page 250.
9. *Lamb Bursary*, see page 254.
10. *Williams Bursary*, see page 281.

B. Faculty of Theology.

1. *Boyd and Wilson Bursary*, see page 230.

2 and 3. *Two Dundonald Bursaries*, see page 238.

4. *Hamilton Bursary*, see page 246.

C. Faculty of Medicine.

Brisbane Bursary, see page 231.

6.—*UNIVERSITY PRIZE ESSAYS.*

For Session 1896-97.

1. In Mental Philosophy, the University Silver Medal, for the best Essay on "Realism in Art and Literature." All Students of the Classes of Logic, Moral Philosophy, or English Literature, in Session 1895-96 or 1896-97, may be Competitors.

2. The Ewing Gold Medal, for the best Essay on "The Causes of the Failure of the French in India in the Eighteenth Century." All Matriculated Students of the University in Session 1896-97 may be Competitors.

3. A Coulter Prize of Five Pounds, for the best Essay on "The Function of the Pulpit in the present day."

4. A Coulter Prize of Five Pounds, for the best Translation into English of the three speeches of Pericles in Thucydides I. 140-144, II. 35-46, and II. 60-64.

For the Coulter Prizes all Matriculated Students of the University in Session 1896-97 may be Competitors.

5. The Henderson Prize of Twenty Guineas, for the best Essay on "Survivals of Judaism in the Christian Church." All Matriculated Students of the University in Session 1896-97, and all Masters of Arts who graduated in November, 1891, or thereafter, may be Competitors.

6. The Dobbie-Smith Gold Medal, for the best Essay on any Subject within the limits of the Science of Botany. The treatment of the subject to show original work, and the Essay to be accompanied by an illustrative series of Macroscopic and Microscopic Specimens. All Matriculated Students of Session 1896-97, or of the preceding Summer Session, may be Competitors.

The Essays must be given in to the Principal on or before Friday, 30th October, 1896, after which day none can be received. Each must be distinguished by Two Mottoes, and accompanied by a sealed letter bearing on the outside the same Mottoes, and containing a declaration subscribed by the author that the Essay is entirely of his own composition. All quotations in the Essays must be carefully marked and accurate references to their respective authorities given in the notes. The Senate reserves the power of withholding the Prize for any subject, if none of the Essays on that subject reaches a sufficiently high standard of merit.

GARTMORE GOLD MEDAL IN SESSION 1897-98.

The subject for the Essay in the Competition for the Gartmore Gold Medal, open to Matriculated Students in Session 1897-98, will be:—"The Advantages and Disadvantages of Hereditary Monarchy."

X.—HONOUR LIST.

LIST OF NAMES OF GENTLEMEN WHO HAVE TAKEN DEGREES WITH HONOURS SINCE THE YEAR 1836.

MASTERS OF ARTS (M.A.)

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1836	John Cunningham,	Scotland,	...	..	I	...
,,	William Fulton,	do.,	II	II	...	...
1837	Richard Shaen,	England,	...	...	II	...
,,	Thomas E. Richardson,	do.,	...	...	II	...
,,	John Blair,	Ireland,	...	...	II	...
,,	William Cuthel,	Scotland,	...	...	II	...
1840	Duncan H. Weir,	do.,	...	...	II	...
,,	James Thomson,	do.,	...	...	II	...
,,	John Buchanan,	do.,	...	...	II	...
1841	John D. Morell,	England,	II	II	...	...
,,	William Arthur Jones,	Wales,	II	II	...	...
1842	Alexander Grierson,	Scotland,	...	...	II	...
,,	John Davies,	England,	II	II	...	...
1843	Nathaniel Haycroft,	do.,	II	II	...	...
,,	John Trafford,	do.,	II	II	...	...
,,	David Duff,	Scotland,	...	...	II	...
1844	John Morgan,	do.,	...	...	II	...
,,	John Thomson,	do.,	...	...	II	...
,,	William T. Ker,	do.,	...	...	II	...
,,	Richard Tomlinson,	England,	II	II	...	...
,,	David M'Lauchlan,	Scotland,	II	II	...	...
1846	Robert Graham,	do.,	...	...	II	...
1847	William John Steele,	Ireland,	...	...	II	...
,,	James Porter,	do.,	...	..	II	...
1848	Adam Milroy,	Scotland,	II	II	...	...
,,	Walter D. Jeremy,	England,	II	II	...	...
1849	John Ker,	Scotland,	...	...	I	...
,,	George M'Queen,	do.,	...	..	I	...
,,	Henry Martyn Barker,	England,	I	I	...	...
,,	John Newton Langley,	do.,	I	I	...	...
1850	Alexander Walker,	Scotland,	II	II	...	...
,,	Horatio Lindsay Taplin,	England,	II	II	...	...
,,	Robt. Masters Theobald,	do.,	II	II	...	...
1851	Carstairs Douglas,	Scotland,		..	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1851	Daniel Davies Jeremy,	England,	II	II	...	...
1852	Thomas Logan,	Scotland,	...	...	II	...
,,	James Wylie Johnston,	do.,	II	II	...	...
1853	Chas. Abercromby Smith,	do.,	...	...	I	...
,,	William Jack,	do.,	...	...	I	...
,,	Edward Gibbs,	England,	I	I	...	...
1856	James Galbraith,	Scotland,	...	...	II	...
,,	John Murray,	do.,	...	...	II	...
1857	Joseph D. Everett,	England,	II	II	I	...
,,	George M. Grant,	Nova Scotia,	...	I	...	...
,,	David Herbert,	Scotland,	...	II	...	...
,,	Neil M'Pherson,	do.,	II	II	...	...
1858	William R. Pattison,	do.,	II	II	...	...
,,	John Weir,	do.,	...	II	...	...
1859	Robert Whyte,	do.,	...	II	...	...
1860	George Porter,	do.,	II	II	...	...
,,	Joseph Gardner,	do.,	...	II	...	...
,,	Walter Roberts,	do.,	...	II	...	...
1861	Richard Vary Campbell,	do.,	...	I	...	...
,,	Daniel Munro,	do.,	II	...	...	...
,,	Peter Sinclair Menzies,	do.,	II	...	...	...
1862	John M'Lean,	do.,	II	II	...	...
,,	Thomas Carruthers	do.,	II	II	...	...
,,	William Stewart,	do.,	II	II	...	...
,,	George Mathieson,	do.,	...	II	...	...
,,	Henry W. Bell,	India,	...	II	...	...
,,	John Ferguson,	Scotland,	...	...	...	I
1863	David Thomas,	do.,	...	II	...	...
1866	John Mann,	do.,	I	...	...	...
,,	John Fergusson,	do.,	...	II	...	...
1867	William E. Grigsby,	England,	II	...	...	...
,,	James Smith,	Scotland,	...	...	I	...
,,	William Ross,	do.,	...	...	II	...
1868	Robert Stewart,	do.,	...	I	...	...
,,	John Wilson,	do.,	...	I	...	...
1869	Favour James Greg,	do.,	...	I	..	...
,,	Adam Semple,	do.,	...	I	...	...
,,	Joseph Loudon,	do.,	...	...	II	...
,,	James M'Intosh,	do.,	...	I	...	...
1870	John Cross,	U. S. A.,	I	I	...	...
,,	Matthew M. Dickie,	England,	II	I	...	...
,,	James Orr,	Scotland,	...	I	...	...
,,	Robert A. Sinclair.	do.,	...	II	...	...
,,	James D. H. Dickson,	do.,	...	...	II	...
,,	Dugald M'Kichan,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1871	William S. Fleck,	Scotland,	...	I	...	...
,,	William Oliver,	Wales,	...	II	...	...
,,	John E. H. Thomson,	Scotland,	...	II	...	...
,,	Colin R. M'Clymont,	do.,	...	I	...	...
,,	Charles S. Dickson,	do.,	...	II	II	...
1872	William Hamilton,	do.,	...	I	...	...
,,	John Watson,	do.,	...	I	...	...
,,	Zachary M. H. Ross,	do.,	...	II	...	...
,,	Archibald Russell,	do.,	...	II	...	...
,,	William G. Miller,	do.,	...	...	II	...
,,	John M. Brown,	do.,	...	I	...	...
,,	Alexander S. Macphee,	do.,	...	I	...	...
,,	James C. MacTaggart,	do.,	...	...	I	...
,,	James Henderson,	do.,	...	...	II	...
1873	William Bathgate,	do.,	I	...	...	...
,,	John M'Cunn,	do.,	...	I	...	..
,,	T. Lindsay Galloway,	do.,	...	...	I	...
,,	David Hunter,	do.,	II	I	...	...
,,	Robert Harvey,	do.,	I	...	...	...
,,	Thomas H. Miller,	do.,	...	...	I	...
,,	Buchanan Blake,	do.,	...	II	...	...
,,	James Arthur,	do.,	...	...	II	...
1874	James Bonar,	do.,	I	I	...	...
,,	James G. Frazer,	do.,	I	...	...	...
,,	Alexander F. Fraser,	do.,	...	I	...	...
,,	John Wilson Reid,	do.,	I	...	II	...
,,	Colin Campbell,	do.,	II	I	...	...
,,	James Thomson,	do.,	...	I	...	...
,,	Hugh Hart Currie,	do.,	II	...	...	...
,,	James MacKay,	do.,	...	II	...	...
1875	Benj'n F. C. Costelloe,	Ireland,	II	I	...	...
,,	William Yuill King,	Scotland,	I	...	...	...
,,	William Patrick,	do.,	...	I	...	...
,,	John Patrick,	do.,	II	...	...	...
,,	James S. Russell,	do.,	...	...	I	...
,,	John C. Watt,	do.,	...	...	I	...
,,	John B. Douglas,	England,	II	...	...	...
,,	Neil D. MacLachlan,	Scotland,	...	II	...	...
,,	James Johnston Dobbie,	do.,	...	...	...	I
1876	James Lambie,	do.,	...	I	...	...
,,	Ebenezer B. Speirs,	do.,	...	I	...	...
,,	Islay F. Burns,	do.,	II	...	...	...
,,	Robert MacLehose,	do.,	...	II	...	...
,,	Joseph Conn,	do.,	...	..	II	...
,,	Robert H. Pinkerton,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science
1876	David Wilson,	Scotland,	...	...	II	...
,,	John P. Mitchell,	do.,	...	I	..	...
,,	William M. Rankin,	do.,	...	I	...	...
,,	Andrew Gray,	do.,	...	...	II	...
1877	Wallace M. Lindsay,	do.,	I	II	...	...
,,	Alexander S. Wilson,	do.,	...	...	...	I
,,	James Kidd,	do.,	...	I	...	..
,,	Thomas B. Kilpatrick,	do.,	...	I	...	...
,,	Mungo W. M'Callum,	do.,	...	II	...	...
,,	William Allan,	do.,	...	...	II	...
,,	James Arthur,	do.,	...	...	II	...
1878	Robert Mackintosh,	do.,	II	I	...	...
,,	John Edgar,	do.,	I	...	...	...
,,	John M. Dodds,	do.,	...	...	I	...
,,	David W. Forrest,	do.,	...	II	...	...
,,	Alexander Isdale,	do.,	...	I	...	...
,,	Lewis A. Muirhead,	do.,	...	I	...	...
,,	James Wilson,	do.,	II	...	II	...
1879	John Wilson Marshall,	do.,	I	II	...	...
,,	Francis Wm. Clark,	do.,	II	II	...	...
,,	Henry Jones,	Wales,	...	I	...	...
,,	William T. Bankhead,	Scotland,	...	II	...	...
,,	Andrew Rutherfurd,	do.,	...	II	...	...
,,	James Thomson,	Ireland,	...	...	II	...
,,	James Denney,	Scotland,	I	I	...	...
,,	James Kippen Duff,	do.,	I	...	...	...
,,	Robt. Tannahill Younger,	do.,	..	II	...	...
,,	William L. Macindoe,	do.,	...	...	II	...
1880	Alexander Gregory,	do.,	II	...	...	...
,,	Thomas Gregory,	do.,	I	I	I	...
,,	Alexander N. Cumming,	do.,	II	II	...	...
,,	Hugh Young Reyburn,	do.,	II	II	...	...
,,	John G. A. Dow,	do.,	II	...	...	..
,,	John Henderson,	do.,	...	II	...	...
1881	Cecil J. Swan,	do.,	II	...	...	...
,,	Francis H. Stead,	England,	II	I	..	...
,,	David S. Adam,	Scotland,	...	I	...	..
,,	William Granger,	do.,	..	I	...	...
,,	Robt. F. Muirhead, B.Sc.,	do.,	...	...	I	...
,,	Alexander Russell,	do.,	...	...	I	..
,,	Patrick H. Aitken,	do.,	II	...	...	...
,,	Alexander Anderson,	do.,	II	...	...	...
,,	Robert T. Loudon,	do.,	...	II	...	...
,,	Robert Veitch,	England,	...	II	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1881	James Maclay,	Scotland,	...	...	II	...
,,	John Stuart.	do.,	...	...	II	...
,,	James Hamilton,	do.,	...	...	II	...
1882	James A. M'Callum,	do.,	...	I	...	...
,,	John H. Fullarton,	do.,	...	...	...	I
,,	Charles P. Blair,	do.,	...	II	...	...
,,	James M. Dodds,	do.,	I	...	...	...
,,	John S. MacKenzie,	do.,	...	I	...	...
,,	William Smart,	do.,	...	I	...	...
,,	John Weir,	do.,	...	...	I	...
,,	John Gray,	do.,	...	II	...	...
,,	Charles Steele,	do.,	...	II	...	...
1883	John Aitken Orr,	do.,	...	I	...	..
,,	Alexander Robinson,	do.,	...	II	...	...
,,	Lewis Hughes,	Wales,	...	II	...	..
,,	Francis Anderson,	Scotland,	...	I	...	...
,,	Wm. S. M'Kechnie,	do.,	...	I	...	...
,,	William Muir,	do.,	...	I	...	...
,,	James W. Inglis,	do.,	II	...	...	...
,,	Patrick H. Hutchinson,	Ireland,	II	...	...	...
,,	Robert A. Moody,	Scotland,	II	...	...	...
,,	William T. Mitchell,	do.,	...	...	II	...
1884	Andrew A. Mitchell,	do.,	I	..	...	...
,,	James M'Millan,	do.,	I	...	...	...
,,	Archd. S. Laidlaw,	do.,	...	I	...	...
,,	John Mack,	do.,	...	...	I	...
,,	William Clark,	do.,	II	...	...	..
,,	John Struthers,	do.,	II	I	...	...
,,	Archibald M'Laren,	do.,	I	...	...	...
,,	John Adams,	do.,	...	I	...	...
,,	James Barr,	do.,	...	I	...	...
,,	Gavin Lambie,	do.,	...	I	...	...
,,	Robert M. Wenley,	do.,	...	I	...	...
,,	George G. Henderson,	do.,	...	...	...	I
,,	Campbell N. Moody,	do.,	II	II	...	...
,,	Hugh Stevenson,	do.,	...	II	...	...
,,	James Strachan,	do.,	...	...	II	...
,,	Alex. B. Symington,	do.,	II	...	...	...
1885	John Lee,	do.,	I	...	...	...
,,	James Buchanan,	do.,	...	...	I	...
,,	Norman Fraser,	do.,	...	...	I	...
,,	James P. M'Laren,	do.,	II	...	...	...
,,	William Binnie,	do.,	...	II	...	...
,,	David Frew,	do.,	...	II	...	...
,,	Richard Glaister,	do.,	...	II	...	...
,,	David Houston,	do.,	...	II	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1885	Walter Wingate,	Scotland,	...	...	II	...
..	William M. Mackay,	do.,	...	I	...	...
,,	Andrew F. Smith,	do.,	..	I	...	...
,,	Alex. L. Watson,	do.,	II	...	..	...
,,	Archibald J. Macnicol,	do.,	...	...	II	...
1886	Charles F. Fleming,	England,	...	I	...	...
,,	Wellstood A. Watt,	Scotland,	...	I	...	...
,,	John Dougall,	do.,	...	...	I	...
,,	John M'Cowan, B.Sc.,	do.,	...	...	I	...
,,	William H. Carslaw,	do.,	...	..	II	...
,,	Magnus M'Lean,	do.,	...	...	II	...
,,	John A. Cramb,	do.,	I	...	...	...
,,	Robert A. Duff,	do.,	..	I	...	...
,,	William Johnston,	do.,	...	II	...	...
,,	James Macmillan,	do.,	...	...	II	...
,,	Robert A. Nicolson,	do.,	...	...	II	...
1887	James Finlayson,	do.,	...	...	II	...
,,	James Gifford,	do.,	...	II	...	...
,,	Charles Mackay Gordon,	W. Indies	...	I	...	...
,,	David Smith,	Scotland,	I	...	...	...
,,	John Watson Bryson,	do.,	...	I	...	...
,,	Robert Gardner,	do.,	...	II	...	...
,,	James Gilfillan,	do.,	...	I	...	...
,,	Daniel Kirkwood,	do.,	...	II	...	...
,,	Alexander Lucas Taylor,	do.,	II	...	...	...
,,	John Thomson,	do.,	...	...	II	...
1888	John Esslemont Adams,	do.,	II	...	...	...
,,	Archibald Lamont,	do.,	...	II	...	...
,,	Arthur David Millar,	do.,	I	...	...	...
,,	John Dickson Sinclair,	do.,	...	II	...	...
,,	Evan Keri Evans,	Wales,	...	I	...	...
,,	Robert Kennedy, B.Sc.,	Scotland,	...	...	...	I
,,	John Liddle King,	do.,	...	II	...	...
,,	Malcolm Macnicol,	do.,	...	...	II	...
,,	Ernest Findlay Scott,	England,	I	I	...	...
,,	Robert Scrymgeour,	Scotland,	...	I	...	...
,,	Robert Reid Strachan,	do.,	...	II	...	...
,,	John Cunningham Walker,	do.,	...	II	...	..
1889	Norman de Garis Davies,	England,	...	II	...	...
,,	George Davidson Kempt,	Scotland,	...	II	...	...
,,	Alfred Ernest Garvie,	Poland,	...	I	...	...
,,	John Hunter Harley,	Scotland,	...	I	...	..
,,	John Brownlee,	do.,	...	...	I	...
1890	James Fairlie Gemmill,	do.,	I	...	...	...
,,	John Edgar M'Fadyen,	do.,	I	...	...	...
,,	James Robertson Cameron,	do.,		I	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1890	James Moffatt,	Scotland,	II	...	...	...
,,	James Peter Wilson,	do.,	II	...	...	...
,,	John Easton Black,	do.,	...	II	...	..
,,	George Douglas Brown,	do.,	I	...	...	...
,,	Robert Bulloch Douglas,	do.,	...	I	...	...
,,	Peter Pinkerton,	do.,	...	...	I	...
,,	Douglas Blyth Binning,	do.,	...	II	...	...
,,	Robert Baillie Douglas,	do.,	...	II	..	...
,,	James Hair Maclean,	do.,	...	II	...	...
,,	Gilbert Buchanan,	do.,	...	...	II	...
,,	Alexander Holm,	do.,	...	...	II	...
1891	John Hamilton Pagan,	do.,	I	...	...	...
,,	John Gillies,	do.,	II	...	...	...
,,	John M'Gilchrist,	do.,	II	...	...	..
,,	Horatio Scott Carslaw,	do.,	...	.	I	...
,,	James Holm,	do.,	...	...	I	..
,,	Nicol Macnicol,	do.,	II	II	...	...
,,	John White,	do.,	...	II	...	...
1892	David Donaldson Robertson,	do.,	...	I	...	...
,,	Daniel Lamont,	do.,	...	II	I	...
,,	John Gillespie Spens,	do.,	II	...	...	...
,,	Alexander Taylor,	do.,	II	...	...	...
,,	Walter Stewart,	do.,	...	..	I	. .
1893	Donald Nicol Dow,	do.,	I	...	...	...
,,	Gilchrist Gibb Alexander,	do.,	...	I	..	...
,,	Robert Stevenson Horne,	do.,	...	I	...	...
,,	Wm. Sandilands Templeton,	do.,	...	...	I	...
,,	Wm. Carrick Anderson,	do.,	...	...	...	I
,,	Edward H. Wallace,	do.,	II	...	II	...
1894	Campbell M. Macleroy,	do.,	I	...	...	...
,,	Robert George Nisbet,	do.,	II	...	...	...
,,	Andrew Robertson,	do.,	II	...	...	...
,,	John Charles Scott,	Ireland,	I	...	...	...
,,	Charles Wm. Thomson,	Scotland,	I	...	...	...
,,	Wm. Romaine Paterson,	do.,	...	I	...	. .
,,	Charles Shirra Dougall,	do.,	...	...	I	...
,,	William Craig Henderson,	do.,	...	...	I	...
,,	John Macfarlane Forsyth,	do.,	II	...	...	..
1895	William Gow,	Scotland,	I	..	...	...
,,	Joseph Ferguson M'Fadyen,	do.,	I	...	...	...
,,	Gavin Lang Pagan,	do.,	...	I	...	...
,,	William Anderson Lindsay,	do.,	...	...	I	...
,,	Thomas Nisbet,	do.,	...	...	I	...
,,	John Alexander Duke,	do.,	...	II	...	...
1896	David Hodge Crawford,	do.,	I	...	..	...
,,	John Freeland Cunningham,	do.,	II	...	...	...
,,	John Girvan,	do.,	II	...	...	...
,,	James M'Murtrie,	do.,	II	...	...	...
..	James Slater Dunlop,	do.,	...	...	II	...

MASTERS OF ARTS (M.A.)

ORDINANCE No. 14, SECTIONS XI.–XV.

		First Class.	Second Class.	Third Class.
1894	Henry Noel Brailsford, England,	Mental Phil.	Classics.	
1895	William Gregory Bell, do.,	Classics.		
,,	James Wallace Peck, Scotland,	Math. & Nat. Phil.		
,,	William King Gillies, do.,	Class. & Ment. Phil.		
1896	James Paterson Brander, do.,	Classics.		
,,	John Maclean Ramsay, do.,	Classics.		

BACHELORS OF SCIENCE (B.Sc.).

		Honours.	
		Natural Science.	Engineering Science.
1879	Robert F. Muirhead, C.E., Scot.,		Math. & Nat. Phil. II
1882	John Cleland, C.E., Scotland,		Math. & Nat. Phil. II
1883	John M'Cowan, C.E., do.,		Math. & Nat. Phil. II
1884	William Weir, do.,		Math. & Nat. Phil. II
,,	James C. Todd, India,	Math. & Nat. Phil. II	
1886	Laurence Crawford, Scotland,		Math. & Nat. Phil. I
1887	Angus M'Lean, do.,		Math. & Nat. Phil. II
1890	James Stanley Muir, Scotland,	Chemistry.	
,,	Robert Watson Smith, do.,	Chemistry.	
1891	James Fenwick, Australia,		Civil Engineering.
,,	Robert Main, Scotland,	Chemistry.	
,,	Robert Muir Ferrier, do.,		Civil Engineering.
1892	John Dewar Cormack, do.,		Math. & Nat. Phil. I Civil Engineering.
,,	James Blacklock Henderson, do.,		Math. & Nat. Phil. I Civil Engineering.
,,	James Rankin, do.,	Zoology and Botany.	
,,	William S. Cook, do.,	Physiology.	
,,	David R. Boyd, do.,	Chemistry.	
1893	James C. Robertson, M.A., do.,	Anat. and Physiol.	
1894	Charles Forbes, do.,		Civil Engineering.
,,	Wm. Henry Lang, England,	Botany and Zoology.	
,,	George Wm. Shearer, Ireland,		Civil Engineering.
1895	Wm. Craig Henderson, Scotland,		Math. and Nat. Phil.
,,	Hugh Calderwood, do.,	Anat. and Physiol.	
,,	John Allan Craigie Macewen, do.,	Anat. and Physiol.	
,,	William Hamilton, do.,		Civil Engineering.
,,	Campbell Macmillan, do.,		Civil Engineering.
,,	Thomas Hunter, M.A., do.,	Anat. and Physiol.	
,,	William Martin, M.A., do.,	Anat. and Physiol.	
1896	W. Sand. Templeton, M.A., do.,		Math. & Nat. Phil. I
,,	P. Lat. Leitch Craig, M.A., do.,	Anat. and Physiol.	

DOCTORS OF MEDICINE (M.D.). (*O.R.*) Honours.

1845	Alexander Lindsay,	Scotland.
,,	James Craigie Murray,	do.
,,	Francis Reynolds,	Ireland.
,,	John Brown,	Scotland.
,,	John Gardiner,	do.
,,	Donald Cameron,	Isle of Man.
,,	Adam Nicholson,	Scotland.
,,	John Duke,	Ireland.
1847	William Parry,	Wales.
,,	Robert Livingstone,	Scotland.
,,	Alexander B. Sharpe,	Scotland.
1848	Charles H. Hitchen,	England.
,,	James Steven,	Scotland.
,,	John Coates,	Ireland.
1849	Robt. Brown M'Clelland,	Ireland.
,,	Thomas Nicholson,	Scotland.
,,	Robert Settle,	England.
,,	Richard Thomas Tracy,	Ireland.
,,	Matthew John Rae,	Scotland.
1850	John Ternan,	Ireland.
,,	John Henry Eddowes,	England.
,,	James Brash,	Scotland.
1851	Alexander Marshall,	Scotland.
,,	Andrew Spearing,	Ireland.
,,	James B. Montgomery,	England.
,,	Robert Perry,	Scotland.
,,	John Watson, B.A.,	do.
1853	John Ritchie Brown,	do.
,,	Charles D. Campbell,	Ireland.
1853	Richard Stanistreet,	Ireland.
,,	David Knox,	do.
1854	John Lindsay Stewart,	Scotland.
,,	James Fraser Paton,	do.
,,	David Easton,	Ireland.
1855	William Leishman,	Scotland.
,,	William J. Lewis,	New Brunswick.
,,	Alexander Robertson,	Scotland.
1857	Thomas Beaumont,	Ireland.
,,	Joseph M. Fleming,	Scotland.
,,	Maxwell Rodgers,	Ireland.
1858	John Couper,	Scotland.
,,	Thomas M'Call Anderson,	do.
1859	Daniel Dougal,	do.
1861	William Marshall,	America.
,,	John M. Murray,	Scotland.
1862	James A. Allan,	do.
1863	Robert M'K. Duncan,	do.
,,	George M'Donald,	do.
,,	Samuel J. Moore,	Ireland.
,,	William Fraser,	Nova Scotia.
,,	T. Algernon Chapman,	Scotland.
,,	Algernon Wood Smith,	do.
,,	John P. Atkinson,	England.
1864	John Wyber,	Scotland.
,,	J. G. Wilson, M.A.,	do.
1865	Arthur A. Jamieson,	England.
1867	Fred. H. Quaife, M.A.	Sydney, N.S.W.

DOCTORS OF MEDICINE (M.D.). (*N.R.*)

Commended for Thesis.

1876 Gardner, William, M.B., England.
1877 Turner, William Y., M.B., Scotland. Thesis, "The Ethnology of the Motu."
1879 Fleming, William James, M.B., Scotland. Thesis, "The Dicrotic Notch in Pulse Tracings."
1880 Oliver, Thomas, M.B., Scotland. Thesis, "Heredity viewed in its relation to Responsibility."
1880 Bryce, James, M.B., Scotland. Thesis, "That Mankind originated as a Common Family—most probably on a Continent in the Indian Ocean—certainly within the Tropics."
1881 Adams, James Alexander, M.B., Scotland. Thesis, "Anatomical Relation between Abscess of Brain and Aural Disease."
1881 Stewart, Alexander, M.B., Scotland. Thesis, "History of a Personal Attack of Typhoid Fever."
1881 Drummond, James, M.B., Scotland. Thesis, "Sea Sickness: its Etiology, Symptoms, and Treatment."
1881 Macphail, Donald, M.B., Scotland. Thesis, "Chemical Investigations on the Degenerative Changes in Diseased Bone."
1882 Cairns, David, M.B. Thesis, "An Outbreak of Pyæmia."

1882 Adam, Thomas Bate, M.B., Scotland. Thesis, "The Pathology and Etiology of Elephantoid Disease."
1882 Rankin, Guthrie, M.B., Scotland. Thesis, "Puerperal Fever."
1883 Inglis, David Wood, M.A., M.B., Scotland. Thesis, "On the Prevention of Lead Poisoning among Workers in White Lead Factories."
1883 Newman, David, M.B., Scotland. Thesis, "Displacements of the Kidney."
1884 Lawrie, J. Macpherson, M.B., Scotland. Thesis, "On some Symptoms of Locomotor Ataxy."
1884 Allan, Robert, M.B., Scotland. Thesis, "Dermoid Cysts."
1884 Middleton, George S., M.A., M.B., Scotland. Thesis, "On the Pathology of Pseudo-Hypertrophic Muscular Paralysis." Highly Commended.
1884 Steven, John Lindsay, M.B., Scotland. Thesis, "The Pathology of Suppurative Inflammations of the Kidneys." Highly Commended.
1885 Mackay, John Yule, M.B., Scotland. Thesis, "The Origin and Development of the Larger Arteries." Highly Commended.
1885 Macvie, William, M.B., Scotland. Thesis, "Atrophic Infantile Paralysis."
1885 Dougal, James, M.B., Scotland. Thesis, "Puerperal Pyrexia."
1886 Lawrie, William John, M.B., Scotland. Thesis, "Pathological Formations of the Skin."
1886 Somerville, William Francis, M.A., B.Sc., M.B., Scotland. Thesis, "Urosemiotic; the Pathological Chemistry of the Urine, the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis." Highly Commended.
1886 Stewart, Robert Sloss, M.B., Scotland. Thesis, "Observations on the Spinal Cord in the Insane." Highly Commended.
1886 Rankin, Alexander, M.B., Scotland. Thesis, "Cerebral Cases, with remarks."
1886 Auld, Alexander Gunn, M.B., Scotland. Thesis, "Studies in Materia Medica."
1887 Chalmers, Archibald Kerr, M.B., Scotland. Thesis, "The Temperature Curve of Specific Fevers."
1887 Neilson, Henry John, M.B., Scotland. Thesis, "On the observation of the pupil as a guide in the administration of Chloroform."
1887 Brown, John, M.B., Scotland. Thesis, "Maternal Impressions."
1887 Love, John, M.B., Scotland. Thesis, "Three cases of Cortical Epilepsy considered in relation to the localization of the discharging lesion."
1888 Finlay, David, M.B., Scotland. Thesis, "Clinical Observations on Epileptic Insanity."
1888 Love, James Kerr, M.B., Scotland. Thesis, "The Limits of Hearing."
1888 Macpherson, Charles, M.B., Scotland. Thesis, "Plural Pregnancies."
1888 Wallace, William, M.B., Scotland. Thesis, "The Field of Vision: with special reference to its Anomalies in Diseases of the Nervous System."
1889 Christie, William Walls, M.B., C.M., Scotland. Thesis, "The Outbreak of Febrile Disease in St. Mary's Roman Catholic Industrial Schools, Glasgow, March 1888: its Clinical Features and Nature."
1889 Kelly, James Kellock, M.B., Scotland. Thesis, "Private Obstetric Practice: an analysis of 3000 consecutive cases."
1889 Mackenzie, William James, M.B., India. Thesis, "The effects of the conditions of London Life on the Nervous System: with remarks on the treatment."
1889 Hinshelwood, James, M.A., M.B., Scotland. Thesis, "A Clinical Study of Syphilitic Diseases of the Nervous System."
1890 Anderson, John Alexander, M.B., Scotland. Thesis, "On Tetanus: with a record of six cases."
1890 Bankier, Alexander Milne, M.B., England. Thesis, "Influenza."
1891 Smith, John Macdowal, M.B., Scotland. Thesis, "The Disposal of Sewage and City Refuse."
1891 Rhodes, Hugh, M.B., C.M., England. Thesis, "Koch's Treatment in Phthisis and Lupus." With Honours.

1891 Bannatyne, Gilbert Alexander, M.B., C.M., Scotland. Thesis, "The Treatment of Diphtheria by the Injection of the Erysipelas Albumose."
1891 M'Gregor, Andrew Nicholson, M.B., C.M., Scotland. Thesis, "Some Notes on the Repair of Bone, with special reference to Transplantation and other Artificial Aids."
1891 Ramsay, Andrew Maitland, M.B., C.M., Scotland. Thesis, "Exophthalmic Goitre."
1891 Johnstone, John Carlyle, M.B., C.M., Scotland. Thesis, "Some Notes on the use of Sulphonal."
1892 Highet, Hugh, M.B., C.M., Scotland. Thesis, "The Bronchiopneumonia of Influenza, as it occurs in the Adult Subject."
1892 Park, Alexander Glen, M.B., C.M., Scotland. Thesis, "Defects of Speech."
1893 Lang, Hugh, M.B., C.M., Scotland. Thesis, "Empyema, with Notes on a Series of Cases."
1893 Gillies, Hugh Cameron, M.B., C.M., Scotland. Thesis, "The Theory of Counter-irritation."
1893 Carslaw, John Howie, M.A., M.B., C.M., Scotland. Thesis, "On the severer forms of Scarlet Fever, with special reference to Antipyretic Methods of Treatment." With Honours.
1893 Adam, Robert Hillhouse, M.A., M.B., C.M., Scotland. Thesis, "Observations on some Enteric Fever Epidemics."
1893 Bryce, Alexander, M.B., C.M., Scotland. Thesis, "Sanitation in Dairy Farms in relation to diseases attributable to Cows' Milk."
1893 Dunlop, Alexander Watson, M.A., M.B., C.M., Scotland. Thesis, "A recent Epidemic of Smallpox, with some remarks on Re-Vaccination."
1893 Gemmell, William, M.B., C.M., Scotland. Thesis, "On the Treatment of Phthisis by a long Sea Voyage in a sailing ship."
1893 Watson, William, M.B., C.M., Scotland. Thesis, "The Prevention and Treatment of Diphtheria."
1894 Johnston, John M'Cubbin, M.A., M.B., C.M., Scotland. Thesis, "The Prognosis of Acute Lobar Pneumonia in the Pauper Class."
1894 Jack, William Robert, B.Sc., M.B., C.M., Scotland. Thesis, "Observations on the Analysis of Voluntary Muscular Movements by certain new Instruments." Honours.
1895 Abercrombie, Peter Henderson, M.B., C.M., Scotland. Thesis, "Turbinotomy in Nasal Stenosis: Analysis and Notes of 66 cases."
1895 Monro, Thomas Kirkpatrick, M.A., M.B., C.M., Scotland. Thesis, "Essays in Neurology: Historical and Clinical." With Honours.
1895 Banks, Charles, M.B., C.M., Scotland. Thesis, "Observations on Epidemics of Cholera in India, with special reference to their immediate connection with pilgrimages."
1895 Bell, Andrew Lees, M.B., C.M., Scotland. Thesis, "The influence of a previous sire, and its relation to maternal impressions."
1895 Campbell, Finlay Stewart, M.B., C.M., Scotland. Thesis, "Paroxysmal Haemoglobinuria: its treatment with special reference to the arrest of the Paroxysm by Quinine."
1895 Charles, John, M.B., C.M., Scotland. Thesis, "A contribution to the Meteorology of Sporadic Pneumonia."
1895 Macgregor, John, M.B., C.M., Scotland. Thesis, "On Paralysis following Diphtheria in Children."
1895 Edington, George Henry, M.B., C.M., Scotland. Thesis, "Bile Salts (Glycocholate and Taurocholate Soda) in relation to excretion of Urea, etc."
1895 Hughes, Arthur Davies, M.B., C.M., Wales. Thesis, "Anchylostomiasis."
1895 Marr, Hamilton Clelland, M.B., C.M., Scotland. Thesis, "On Myxoedema and the Functions of the Thyroid Gland: with notes on the treatment of certain cases of Insanity by Thyroid preparations."
1896 Marshall, Robert James, M.B., C.M., Scotland. Thesis, "The mild Malaria Fevers and their Microbe."

BACHELORS OF MEDICINE (M.B.). Honours.

1866	Robert W. Forrest,	Scotland.	1880	Andw. A. Hogarth, M.A.,	Scotland.
,,	Henry T. Pringle,	do.	,,	J.M'Gregor-Robertson, M.A.,	do.
1867	Ebenezer Duncan,	do.	,,	John Lindsay Steven,	do.
,,	Joseph Coats,	do.	1881	John More Young, M.A.,	do.
,,	James Finlayson,	do.	1882	Robert Beith,	do.
1868	Thomas Barr,	do.	1883	John Innes Dunlop,	do.
,,	William MacLachlan,	do.	1884	Charles O. Hawthorne,	England.
,,	Angus Macmillan,	do.	1886	Alexander Bryce,	Scotland.
1869	James Coats,	do.	,,	Wm. Snodgrass, M.A.,	U.S.A.
1871	David Wilkie,	do.	,,	John H. Carslaw, M.A.,	Scotland.
,,	John Aikman,	do.	1887	William MacLennan,	do.
1872	John D. Macdonald,	do.	1891	Hugh Galt,	do.
,,	Samson Gemmell,	do.	,,	Robert Currie Robertson, M.A.,	do.
1876	Geo. S. Middleton, M.A.,	do.	1892	John Morton,	Scotland.
,,	Richard B. Macpherson,	do.	,,	James Carslaw, M.A.,	do.
1877	Johan B. Knobel,	Africa.	1894	Alexander MacLennan,	do.
,,	Donald Macphail,	Scotland.	,,	Wm. Stewart Cook, B.Sc.,	do.
,,	John Carlyle Johnstone,	do.	,,	Jas. C. Robertson, M.A., B.Sc.,	do.
,,	Edward D. M. Mackellar,	do.	,,	Jas. Murray Young,	Scotland.
1878	Alexander Fraser,	do.	,,	John Francis Robt. Gairdner,	do.
,,	James Morton,	do.	,,	John Wainman Findlay,	do.
,,	William Partington,	do.	1895	Joshua Ferguson, M.A.,	do.
,,	Lawrence A. Waddell,	do.	,,	Henry Alex. Pattullo,	do.
1879	William K. Peden,	do.	,,	Ernest Alex. Walker, M.A.,	do.
,,	Ralph D. Stevenson,	Australia.			

BRUNTON MEMORIAL PRIZE OF £10,

Awarded to the most distinguished Graduate in Medicine of the year.

1880. John Lindsay Steven, M.B., C.M.
1881. John More Young, M.A., M.B., C.M.
1882. Robert Beith, M.B., C.M.
1883. John Innes Dunlop, M.B., C.M.
1884. Charles Oliver Hawthorne, M.B., C.M.
1885. Andrew Wilson, M.B., C.M.
1886. Alexander Bryce, M.B., C.M.
1887. William MacLennan, M.B., C.M.
1888. Landel Rose Oswald, M.B., C.M.
1889. William Robert Jack, B.Sc., M.B., C.M.
1890. George Lamb, M.B., C.M.
1891. Hugh Galt, M.B., C.M.
1892. John Morton, M.B., C.M.
1893. John Johnson Urwin, M.B., C.M.
1894. Alexander MacLennan, M.B., C.M.
1895. Joshua Ferguson, M.A., M.B., C.M.

THOMAS LOGAN MEDAL AND PRIZE,

Awarded to the most distinguished Graduate in Arts of the year.

1888. Ernest Findlay Scott, M.A.
1889. Alfred Ernest Garvie, M.A.
1890. John Edgar M'Fadyen, M.A.
1891. James Holm, M.A.
1892. Daniel Lamont, M.A.
1893. Gilchrist Gibb Alexander, M.A.
1894. Henry Noel Brailsford, M.A.
1895. William King Gillies, M.A.

XI.—DEGREE AND PRIZE LIST.

LIST OF DEGREES

CONFERRED IN THE VARIOUS FACULTIES AND OF PRIZES AND CERTIFICATES OF HONOUR AWARDED IN THE SEVERAL CLASSES OF THE UNIVERSITY DURING THE YEAR ENDING 1ST MAY, 1896.

DOCTORS OF DIVINITY (D.D.).

Rev. William Purdie Dickson, D.D., LL.D., Professor of Biblical Criticism (1863 to 1873) and of Divinity (1873 to 1895) in the University of Glasgow.
Rev. Bruce Beveridge Begg, M.A., Minister of Abbotshall, Kirkcaldy.
Rev. Thomas Duncan, Minister of Bridge of Weir, formerly Minister of St. James's, Charlottetown, Prince Edward Island.
Rev. Frédéric Auguste Lichtenberger, Dean of the Faculty of Protestant Theology, University of Paris.
Rev. John Fleming M'Swaine, Minister of St. Paul's Church, Brisbane, Australia.
Rev. John Steel, Minister of Greenhead United Presbyterian Church, Glasgow.

DOCTORS OF LAWS (LL.D.).

Walter de Gray Birch, F.S.A., Assistant in the Manuscripts Department of the British Museum.
William Turner Thistleton Dyer, M.A., B.Sc., F.R.S., C.M.G., C.I.E., Director of the Royal Botanical Gardens, Kew, Surrey, formerly Professor of Botany at the Royal College of Science for Ireland.
Andrew Gray, M.A., Professor of Natural Philosophy, University College, Bangor, North Wales.
Frederic William Maitland, M.A., Downing Professor of Law, University of Cambridge.
Thomas Reid, M.D., Waltonian Lecturer and Lecturer on the Eye in the University of Glasgow.
John Ure, Cairndhu, Helensburgh, Lord Provost of Glasgow 1880-83, First Chairman of the Committee on Health for the City.

BACHELORS OF DIVINITY (B.D.).

July, 1895.

John James Thomson, M.A.

November, 1895.

Robert Hay Coats, M.A.

April, 1896.

Thomas Scott Cairncross, M.A.
John Cuthill Chalmers, M.A.
John Graham Cranmer, M.A.
John M'Ausland Dickie, M.A.
Andrew Scoular Galbraith Gilchrist, M.A.
Hugh Thomas Sutherland Morrison, M.A.
John Henry Horton M'Neill, M.A.
Gavin Lang Pagan, M.A.
Archibald Eneas Robertson, M.A.
Ebenezer Scott, M.A.
George Simpson Yuille, M.A.

BACHELORS OF LAWS (LL.B.).

November, 1895.

John Bartholomew, M.A.
Robert Scott Brown, M.A.
Hugh Cowan, M.A.
Archibald Cameron Morrison, M.A., B.L.
Samuel Macfie, M.A.
William Alexander Ramsay, B.A.
John Gillespie Spens, M.A.

April, 1896.

Robert Stevenson Horne, M.A.
Hugh Pattison Macmillan, M.A.
James Duncan Robertson, M.A
Allan MacGregor Smith, M.A.
Robert Bryce Walker, M.A.

BACHELORS OF LAW (B.L.).

November, 1895.

James Dickson Kerr.

April, 1896.

Thomas Alexander Harvie Anderson, M.A.
John Calderwood, M.A.
Jerome Dennison.
Norman Gentles.
Christopher John Healy.
Walter Paul, M.A.
Charles Sellar.
John Campbell Smith, M.A.
James Hill Tennent.
John Aiton Todd.

DOCTORS OF MEDICINE (M.D.).

July, 1895.

I. With Honours.

Thomas Kirkpatrick Monro, M.A., M.B., C.M., Scotland. (*Thesis*—"Essays in Neurology: Historical and Clinical.")

II. With Commendation.

Charles Banks, M.B., C.M., Scotland. (*Thesis*—"Observations on Epidemics of Cholera in India, with Special Reference to their Immediate Connection with Pilgrimages.")

Andrew Lees Bell, M.B., C.M., Scotland. (*Thesis*—"The Influence of a Previous Sire, and its Relation to Maternal Impressions.")

Finlay Stewart Campbell, M.B., C.M., Scotland. (*Thesis*—"Paroxysmal Hæmoglobinuria: Its Treatment, with Special Reference to the Arrest of the Paroxysm by Quinine.")
John Charles, M.B., C.M., Scotland. (*Thesis*—"A Contribution to the Meteorology of Sporadic Pneumonia.")
John M'Gregor, M.B., C.M., Scotland. (*Thesis*—"On Paralysis following Diphtheria in Children.")

III. Ordinary Degree.

Peter Gardiner, M.B., C.M., Scotland. (*Thesis*—"Malaria.")
Archibald Gilchrist Hay, M.A., M.B., C.M., Scotland. (*Thesis*—"Notes on the Symptoms attending the Induction and Maintenance of Chloroform Anæsthesia.")
Thomas Thornton Macklin, M.B., Scotland. (*Thesis*—"The Climate of the Isles of Scilly, with Special Reference to their Suitability as a Health Resort.")
James Merry Macphail, M.A., M.B., C.M., England. (*Thesis*—"Five Years' Practice among the Village Population of India, with an Analysis of 10,865 Cases.")
James Jenkins Robb, M.B., C.M., Scotland. (*Thesis*—"Vomiting a Symptom in Disease; its Importance in Diagnosis and Treatment.")
James Smith, M.B., C.M., Scotland. (*Thesis*—"Diphtheria, with Description of Cases, etc.")
James Allan Wilson, M.B., C.M., Scotland. (*Thesis*—"The Treatment of Diphtheria by Antitoxin, with Notes of Cases.")

November, 1895.

I. With Commendation.

George Henry Edington, M.B., C.M., Scotland. (*Thesis*—"Bile Salts (Glycocholate and Taurocholate Soda) in relation to excretion of Urea, etc.")
Arthur David Hughes, M.B., C.M., Wales. (*Thesis*—"Anchylostomiasis.")
Hamilton Clelland Marr, M.B., C.M., Scotland. (*Thesis*—"On Myxoedema and the Functions of the Thyroid Gland; with Notes on the Treatment of certain Cases of Insanity by Thyroid Preparations.")

II. Ordinary Degree.

Robert Broom, B.Sc., M.B., C.M., Scotland. (*Thesis*—"Contributions to the Comparative Anatomy of Jacobson's Organ.")
Alexander John Brownlee, M.B., C.M., Scotland. (*Thesis*—"Rötheln as a Specific Disease, with Notes of Cases.")
Thomas Fleming, M.B., C.M., Scotland. (*Thesis*—"Visual Perceptions and Judgments.")
James Hill, M.B., C.M., Scotland. (*Thesis*—"Pyrexia and its Treatment by Antipyretics.")
Benjamin Waite MacArthur, M.B., C.M., Scotland. (*Thesis*—"Sewage Disposal in the Mersey and Irwell Basin, with an example.")
Charles Hugh M'Ilwraith, M.A., M.B., C.M., Holland. (*Thesis*—"Suppuration in the Nasal Accessory Cavities; Etiology, Pathology, Diagnosis, and Treatment, with special reference to Cases.")
James Thomson, M.A., M.B., C.M., England. (*Thesis*—"Therapeutic Notes.")

April, 1896.

I. With Commendation.

Robert James Marshall, M.B., C.M., Scotland. (*Thesis*—"The Mild Malarial Fevers and their Microbes.")

II. Ordinary Degree.

William Clachan Allardice, M.B., C.M., Scotland. (*Thesis*—"Friedreich's Ataxia—A Clinical Sketch.")
John Donald, M.B., C.M., Scotland. (*Thesis*—"Cretinism and Thyroid Extract.")
John Crawford Robertson, M.B., C.M., Queensland. (*Thesis*—"Beri-Beri.")

BACHELORS OF MEDICINE AND MASTERS IN SURGERY (M.B., C.M.).

July, 1895.

I. Honours.

[1] Joshua Ferguson, M.A., Scotland.
Henry Alexander Pattullo, ,,
Ernest Alex. Walker, M.A., Scotland.

II. High Commendation.

William Scobie, B.D., Scotland.
Alex. Hamilton Stewart, ,,
Robert Howie, ,,
Henry Allan Watson, M.A., Scotland.
William Henry Lang, B.Sc., England.
Archibald Young, B.Sc., Scotland.

III. Commendation.

Robert Brownlee Barr, Scotland.
Alexander Stevenson, ,,
Samuel Donaldson Cowan, M.A., Scotland.
William Lawson, ,,
Farquhar Macrae, ,,
Robert Mackechnie Fraser, M.A., Scotland.
Emmeline Marie Stuart, ,,
Robert King Miller, ,,
Malcolm Watson, Scotland.
John Lindsay Anderson, ,,
Adam Cubie Muir, ,,
Thomas Bell, ,,
Frederick Burdett Cormick, ,,
George Mowat, ,,
William Duncan Miller, ,,
William Alexander, ,,
James M'Cash, ,,

IV. Ordinary Degrees.

John Carson Abbott, U.S., America.
James Adam, Scotland.
William Allan, ,,
Arthur Roland Anderson, Newfoundland.
John Anderson, Scotland.
John James Stevenson Anderson, Ireland.
Thomas Armstrong, Scotland.
William Stephen Baird, New Zealand.
Francis James Barker, M.A., Scotland.
Alexander Blair, ,,
Henry Albert Böedeker, Burmah.
William Burns, Scotland.
Thompson Campbell, ,,
Vivian Ernest Chang, China.
William Clow, M.A., B.Sc., Scotland.
John Cumming, ,,
Henry Davies, Wales.
John Divine, Scotland.
William Donaldson, ,,
Matthew Dunning, ,,
Richard John Edwards, Wales.
Samuel English, Ireland.
James Findlay, Scotland.
William David Findlay, ,,
Albert Alfred Finkelstein, Russia.
James Liddell Forrest, Scotland.
James Forster, England.
James Reid Foulds, Scotland.
Andrew Fleming Galloway, ,,
Thomas Cleator Garrett, Isle of Man.
John Gillan, M.A., Scotland.
Walter Graham, ,,

[1] Mr. Ferguson gained the Brunton Memorial Prize of Ten Pounds, awarded to the most distinguished Graduate in Medicine of the Year.

William Grove, China.
William Hay, B.D., ,,
Arthur Holt, England.
Albert Barnes Hughes, ,,
James Jack, Scotland.
John William Jackson, ,,
George Jubb, ,,
David Kerr, England.
William James Kerr, Scotland.
David Connor Kirkhope, ,,
John Kirkwood, ,,
David Lewis, Wales.
John Dunlop Louttit, Scotland.
James Andrew Dixon Mulholland, Ireland.
Donald Munro, Scotland.
Daniel M'Coll, ,,
William Milligan M'Cormick, ,,
Duncan M'Donald, ,,
William Jones Mackinnon, ,,
Lewis MacLachlan, Scotland.
Hugh M'Laren, ,,
Moses Neil MacLay, ,,
William Macleod, ,,
George M'Pherson, M.A., ,,
Archibald Russell Oliver, ,,
Edward James Primrose, M.A., ,,
John Broadfoot Rae, ,,
John Rankin, Ireland.
John Neil Robertson, Scotland.
James Sandilands, ,,
James Smith, ,,
James Sproull, ,,
Hugh Stevenson, ,,
Alexander Stewart, ,,
James Stewart, ,,
James Stirling, ,,
Hugh Wright Thomson, ,,
Charles Kirk Toland, Ireland.
Frederick Wolverson, England.

October, 1895.

William Henry de Wytt, England.

November, 1895.

Robert Aitkenhead, Scotland.
John Anderson, M.A., ,,
Thomas Baxter, ,,
James Boyd, ,,
Henry Broom, ,,
Robert Buchanan, M.A., B.Sc., ,,
Samuel Capie, ,,
John Andrew Cook, ,,
Robert Howieson Gemmell, ,,
Francis Robert Hill, ,,
George Hodge, ,,
Frederick James Jayne, Wales.
James Kirkland, New Zealand.
Charles Hendry Lumsden, Scotland.
John Howie Martin, M.A., ,,
Frank Mort, ,,
Edward Mackay, ,,
Robert M'Naught, ,,
Harry Couper Patrick, ,,
Wallace Ainsworth Pride, ,,
Peter Rankin, ,,
James Edmund Fergusson Stewart, Portugal.
Noël Charles Echlaz Ward, India.
Albert Samuel Worton, Scotland.

February, 1896.

I. High Commendation.

James Drummond Graham, Scotland.

II. Ordinary Degrees.

John Hannay Douglas, Scotland.
Joseph Milton Thornley, England.
John Young, Scotland.

April, 1896.

I. Commendation.

John Miller Woodburn Morison, Scotland.

II. Ordinary Degrees.

Daniel George Carmichael, Scotland.

DOCTORS OF SCIENCE (D.Sc.).

July, 1895.
John Henry Tudsbery Tudsbery, B.Sc.

November, 1895.
Magnus Maclean, M.A.

BACHELORS OF SCIENCE (B.Sc.).

November, 1895.

I. With Honours.

With Honours in Anatomy and Physiology—
In Natural Science.
Thomas Hunter, M.A. | William Martin, M.A.

II. Ordinary Degree.

In Natural Science.
Charles Edward Cortis Stanford.

In Engineering Science.
George Blair.

April, 1896.

I. With Honours.

With First-Class Honours in Mathematics and Natural Philosophy—
In Physical Science.
William Sandilands Templeton, M.A.

With Honours in Anatomy and Physiology—
In Natural Science.
Peter Latimer Leitch Craig, M.A.

II. Ordinary Degree.

In Engineering Science.
August Dittmar. | John Orr.
William Morrison. | Oliver Styles.

CERTIFICATE OF PROFICIENCY IN ENGINEERING SCIENCE.

April, 1896.
Alexander Herbrand Harvey. | William Morrison.
Oliver Styles.

DOCTORS OF PHILOSOPHY (D.Phil.).

July, 1895.
Robert Mark Wenley, M.A., D.Sc.

April, 1896.
William Smart, M.A., LL.D.
Wellstood Alexander Watt, M.A., LL.B.

MASTERS OF ARTS (M.A.).

November, 1895.

I. With Honours.

With First-Class Honours in Classics, and First-Class Honours in Mental Philosophy.

William King Gillies (New Regulations).

With First-Class Honours in Mathematics and Natural Philosophy.

William Anderson Lindsay. | Thomas Nisbet.

With Second-Class Honours in Mental Philosophy.

John Alexander Duke.

II. Ordinary Degree.

Matthew Aikman.
Thomas Randall Anderson.
William Cross.
William Cumming.
Adam Luke Gowans.
Robert Kerr Hannay.
Robert Ingles.
Hugh Jenkins.
Allan Martin.
William Muirhead.
Samuel John Murray.
Andrew M'Lachlan.
Alexander Macleod.
David Nicolson.
Richard Orr.
John Paterson.
William Reid Skeoch.
Frederick Richardson Stewart.
William Stewart.
Robert Walker.

April, 1896.

I. With Honours.

With First-Class Honours in Classics.

James Paterson Brander (New Regulations).
David Hodge Crawford.
John Maclean Ramsay (New Regulations).

With Second-Class Honours in Classics.

John Freeland Cunningham. | John Girvan.
James M'Murtrie.

With Second-Class Honours in Mathematics and Natural Philosophy.

James Slater Dunlop.

II. Ordinary Degree.

James Adam.
George Jeffrey Aitken.
Jeffrey Drummond Bauchop.
Robert Bowie.
Duncan Cameron.
Alexander Mungall Ferguson.
Alexander Fraser.
Alexander Brown Grant.
William Davidson Harvie.
Robert Howie (Pollokshields).
Henry Kesson.
William Wright Loggie.
Harry Somerville Martyn.
John Middleton.
Edward Miller.
William James Sommerville Miller.
William Chisholm Mitchell.
George Murray.
Coll Archibald Macdonald.
Jane Ross Scott M'Jannet.
John Alexander Coull Mackellar.
James Andrew Maclean.
William Phillips.
Robert Carson Pollock.
David Preston.
Andrew Stirton Robertson.
George Munro Ross.
James Crombie Saunders.
James Latta Skilling.
James Wight Smith.
William Smith.
Thomas Jack Stanton.
John Stewart (Kilmarnock).
David Swan.
James Mitchell Templeman.
Robert Tennent.
James Walker.
John Wallace.
Isaac Winning.

DEPARTMENTAL CERTIFICATES.

I. FOR DEGREE OF B.D.

FIRST DEPARTMENT—*November*, 1895.

Cairncross, Thomas Scott, M.A.
Chalmers, John Cuthill, M.A.
Coats, Robert Hay, M.A.
Cranmer, John Graham, M.A.
Dickie, John M'Ausland, M.A.
Gilchrist, Andrew Scoular Galbraith, M.A.
Morrison, Hugh Thomas Sutherland, M.A.
M'Neill, John Henry Horton, M.A.
Pagan, Gavin Lang, M.A.
Robertson, Archibald Eneas, M.A.
Scott, Ebenezer, M.A.
Yuille, George Simpson, M.A.

SECOND DEPARTMENT—*April*, 1896.

Cairncross, Thomas Scott, M.A.
Chalmers, John Cuthill, M.A.
Cranmer, John Graham, M.A.
Dickie, John M'Ausland, M.A.
Gilchrist, Andrew Scoular Galbraith, M.A.
Hastie, John Stewart, M.A.
Morrison, Hugh Thomas Sutherland, M.A.
M'Neill, John Henry Horton, M.A.
Pagan, Gavin Lang, M.A.
Scott, Ebenezer, M.A.
Yuille, George Simpson, M.A.

II. FOR DEGREES IN LAW.

OLD REGULATIONS.

I. FOR DEGREE OF LL.B.

1. IN CIVIL LAW.

October, 1895.

Smith, Allan MacGregor, M.A.

April, 1896.

Fleming, David Pinkerton, M.A.
Horne, Robert Stevenson, M.A.
Liddell, John, M.A.
Paterson, Hamilton Paul, M.A.

2. IN LAW OF SCOTLAND.

October, 1895.

Bartholomew, John, M.A.
Brown, Robert Scott, M.A.
Macmillan, Hugh Pattison, M.A.

April, 1896.

Lumsden, Harry, M.A.
Skinner, William Goudie, M.A.
Smith, Allan MacGregor, M.A.

3. IN CONVEYANCING.

October, 1895.

Brown, Robert Scott, M.A.
Horne, Robert Stevenson, M.A.
Lusk, William, M.A.
Morrison, Archd. Cameron, M.A.
Macfie, Samuel, M.A.
Ramsay, William Alexander, B.A.
Spens, John Gillespie, M.A.

April, 1896.

Macmillan, Hugh Pattison, M.A.
Paterson, Hamilton Paul, M.A.
Robertson, James Duncan, M.A.
Walker, Robert Bryce, M.A.

4. IN PUBLIC LAW.

October, 1895.

Bartholomew, John, M.A. | Cowan, Hugh, M.A.
Brown, Robert Scott, M.A. | Fleming, David Pinkerton, M.A.
Calderwood, John, M.A. | Macfie, Samuel, M.A.
Macmillan, Hugh Pattison, M.A.

April, 1896.

Aitken, John Russell, M.A. | Smith, Allan MacGregor, M.A.

5. IN CONSTITUTIONAL LAW AND HISTORY.

October, 1895.

Cowan, Hugh, M.A. | Horne, Robert Stevenson, M.A.
Fleming, Alfred James, M.A. | Morrison, Archd. Cameron, M.A.
Smith, Allan MacGregor, M.A.

April, 1896.

Fleming, David Pinkerton, M.A. | Liddell, John, M.A.
Lumsden, Harry, M.A.

6. IN MEDICAL JURISPRUDENCE.

October, 1895.

Brown, Robert Scott, M.A. | Fleming, David Pinkerton, M.A.
Calderwood, John, M.A. | Lusk, William, M.A.
Fleming, Alfred James, M.A. | Macmillan, Hugh Pattison, M.A.

April, 1896.

Aitken, John Russell, M.A. | Robertson, James Duncan, M.A.
Liddell, John, M.A. | Skinner, William Goudie, M.A.
Walker, Robert Bryce, M.A.

II. FOR DEGREE OF B.L.

1. IN LATIN.

April, 1896.

Duncan, Thomas. | Morrison, John Anderson.

2. IN GREEK.

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3. IN LOGIC.

October, 1895.

Russell, James Archibald. | Young, Alexander Waddel.

April, 1896.

Miller, James Taylor. | Young, Alexander Francis.

4. IN MORAL PHILOSOPHY.

October, 1895.

Vallance, Thomas.

5. IN ENGLISH LITERATURE.

October, 1895.

Tannahill, John Thomson.

April, 1896.

Russell, James Archibald.

6. IN MATHEMATICS.

October, 1895.

Morrison, John Anderson. | Russell, James Archibald.

7. IN NATURAL PHILOSOPHY.

8. IN FRENCH.

October, 1895.

Young, Alexander Francis.

9. IN GERMAN.

10. IN CIVIL LAW.

April, 1896.

Dennison, Jerome. | Nimmo, Andrew Reid.
Wilson, John.

11. IN LAW OF SCOTLAND.

October, 1895.

Healy, Christopher John. | Tennent, James Hill.
Todd, John Aiton.

April, 1896.

Nimmo, Andrew Reid.

12. IN CONVEYANCING.

October, 1895.

Healy, Christopher John. | Kerr, James Dickson.

April, 1896.

Dennison, Jerome. | Tennent, James Hill.
Gentles, Norman. | Todd, John Aiton.
Sellar, Charles. | Wilson, John.

13. IN PUBLIC LAW.

April, 1896.

Healy, Christopher John.

14. IN CONSTITUTIONAL LAW AND HISTORY.

15. IN MEDICAL JURISPRUDENCE.

October, 1895.

Kerr, James Dickson. | Tennent, James Hill.
Todd John Aiton.

16. IN POLITICAL ECONOMY.

April, 1896.

Gentles, Norman. | Sellar, Charles.
Healy, Christopher John. | Tennent, James Hill.
Todd, John Aiton.

NEW REGULATIONS.

I. FOR DEGREE OF LL.B.

IN JURISPRUDENCE.

October, 1895.

MacRobert, Alexander Munro, M.A.

IN PUBLIC INTERNATIONAL LAW.

April, 1896.

Anderson, Thomas Randall, M.A. | Gray, James Neilson, M.A.

IN CIVIL LAW.

October, 1895.

Charteris, Archibald Hamilton, M.A.

April, 1896.

Currie, Donald, B.A. | Gray, James Neilson, M.A.

IN LAW OF SCOTLAND.

October, 1895.

Dunlop, Malcom, M.A.

April, 1896.

Currie, Donald, B.A.

IN CONSTITUTIONAL LAW AND HISTORY.

October, 1895.

Charteris, Archibald Hamilton, M.A. | MacRobert, Alex. Munro, M.A.

IN FORENSIC MEDICINE.

October, 1895.

Dunlop, Malcom, M.A. | MacRobert, Alex. Munro, M.A.

April, 1896.

Anderson, Thomas Randall, M.A. | Gray, James Neilson, M.A.

II. For Degree of B.L.

IN LOGIC AND PSYCHOLOGY.

April, 1895.

Donaldson, Henry James. | Johnston, John Robertson.

IN LATIN.

April, 1896.

Young, Peter Taylor.

IN GREEK.

April, 1896.

Young, Peter Taylor.

IN ENGLISH LITERATURE.

April, 1896.

Johnston, John Robertson.

IN MATHEMATICS.

April, 1896.

Crum, Alexander William.

III. FOR DEGREES OF M.B., Ch.B.

FIRST PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (B., Botany; Z., Zoology; P., Physics; C., Chemistry):—

October, 1895.

Alexander, George (B., C.).
Barclay, Andrew Aitken (B., Z.).
Bennett, James Freeborn (B., P.).
Brownlie, Andrew (B., Z., C.).
Buchan, George Frederick (P.).
Carruthers, James, M.A. (C.).
Crawford, George Morris (Z.).
Crichton, Charles Peter Garvie (B., Z.).
Cumming, Charles Cheven (B., C.).
Dick, William (B., P.).
Dickie, James Austin (B., C.).
Dickson, Frank Lindsay (B., P.).
Douglas, David Curr (B., Z.).
Duncan, John Pinkerton (B., C.).
Ferguson, Hugh Campbell (Z., C.).
Finlay, Comyn MacGregor (B.).

Fleming, Marjorie King Henderson (B., Z.).
Garden, John Andrew (Z., C.).
Gardner, George (B., Z., C.).
Gardner, John (Z., P.).
Garry, George (Z., C.).
Gibson, William (Z., C.).
Goodman, Hyam, M.A. (B., Z., C.).
Gordon, Helen Mary (B., Z.).
Gourlay, Charles Aikman (Z.).
Hardie, Mabel (B., Z.).
Howden, Catherine Spence (B., Z.).
Hunter, Jessie Sophia Beatrix (B., Z.).
Jamieson, Nicol (Z., P.).
Kerr, Andrew (C.).
Lambie, John Francis (B.).
Maclean-Leys, Norman (B., P.).
Love, Andrew (Z., C.).
Millar, Ramsay (B., C.).
Miller, Hugh (B.).
Miller, Norman M'Leod (B., C.).
Mitchell, Ebenezer, M.A. (Z., C.).
Morrison, Daniel (Z., C.).
M'Fadyen, Peter MacIntosh (B., C.).
M'Gilchrist, John (B., C.).
Maclean, Charles Forbes (B.).
Maclean, George Todd, M.A. (B., Z.).
Macleod, Norman Forbes (B.).
Maclure, William Johnston (Z., C.).
M'Millan, John (Z.).
Macmillan, William Seymour, M.A. (B., Z., C.).
M'Neill, Ina Lochhead (B., Z.).
Patton, John (P.).
Picken, Thomas Stephens (B., C.).
Reid, John (Lanark) (P., C.).
Richards, Maud Ada (B., Z.).
Smith, David James (B., C.).
Smith, Elizabeth Helen (B., Z.).
Smith, John Steele (Z., P.).
Stalker, William Stewart (B., Z.).
Steven, Peter Alexander (Z., P.).
Stewart, Alfred George (B., P.).
Strang, Thomas Morton (P., C.).
Taylor, Robert (Z., C.).
Thomson, Charles Pinkerton (B., P.).
Thomson, William Brown (Z., C.).
Townley, Joseph Swinburne (P., C.).
Turnbull, John (B., Z.).
Vost, Arthur (B., Z., P.).
Walker, Edythe Marjorie (P., C.).
Watson, Alexander Laurie, M.A. (B., C.).
White, Joseph (Z., C.).
Williams, Morgan Watkin (B., C.).
Wilson, Alexander (B., C.).
Wright, William (B., C.).
Young, John Doctor (B., P.).

April, 1896.

Anderson, Adolph (B., P.).
Anderson, John (Z., P.).
Barbour, Gavin (Z., P.).
Barclay, James Oastler (Z., P.).
Benson, Ernest George Dryden (B., Z.).
Binning, Alexander (Z., P.).
Brown, William Herbert (Z., P.).
Brownlie, John Douglas (Z., P.).
Cairns, Patrick Thomas (P., C.).
Calland, Thomas Bullough (Z., P.).
Cameron, Samuel James (Z., P.).
Carruthers, Thomas, M.A. (B., Z., C.).
Cathcart, Edward Provan (B., Z., P.).
Clark, Robert (Z., P.).
Craig, John (Z., C.).
Crawford, George Morris (C.).
Crichton, Charles Peter Garvie (P., C.).
Cuthbert, Charles Campbell (B., P.).
Davidson, Arch. William Wallace (B., C.).
Davidson, James, M.A. (B., Z.).
Doig, Alexander (Z., P.).
Downie, John (Z., P.).
Duncan, John Pinkerton (Z.).
Forrest, John (Z., P.).
Fraser, Lizzie Thomson (P., C.).
Gairdner, Eric Dalrymple (P., C.).
Gardner, George (P.).
Gardner, John (B., C.).
Garry, George (B., P.).
Gemmell, James (B., C.).
Girvan, William (B., Z.).
Gordon, Helen Mary (P.).
Gracie, John (Z., C.).
Grant, Jane (B., Z.).
Gregor, John (Z., P.).
Greig, Lila Stephenson (P., C.).
Hamilton, Robert Archibald (Z., P.).
Harrington, Archibald Wilson (B. C.).
Head, Leslie Charles Broughton (B., C.).
Henry, James Macpherson (Z., P.).
Howden, Catherine Spence (P., C.).
Inglis, Thomas (B., P., C.).
Kennedy, John (B., C.).
King, Alexander (Z., P.).
Kirk, William Henry (B., P.).
Laidlaw, James Dickson (B., P.).
Lambie, John Francis (Z., P.).
Leys, Norman Maclean (Z.).

Lickley, James Dunlop (Z., P.).
Liston, Mary Forbes (P., C.).
Livingston, Donald M'Farlane (Z., P.).
Longwill, David (B., P.).
Mains, Jacob (Z., P.).
Mair, Andrew (Z., P.).
Marshall, Jean Marion Farie (P., C.).
Marshall, Robert M'Nab (Z., P.).
Martin, Allan, M.A. (Z., C.).
Millar, James (B., C.).
Miller, Hugh (Z., C.).
Mills, William Archibald (B., Z.).
Moir, Alexander Robert (B., Z., P., C.).
Moir, Peter (B., Z., P., C.).
Morrison, Daniel (B., P.).
Munro, Alexander (Z., P.).
MacDonald, James Hogg (B., C.).
M'Dougall, James William (B.).
M'Kinnon, George Steventon (Z., P.).
Mackinnon, James (B., P.).
Maclean, Charles Forbes (C.).
Macleod, Norman Forbes (C.).
M'Millan, John (C.).
M'Neill, Mary Lauchline (B., C.).
M'Phee, Burgess (B., Z.).
Neill, Thomas (Z., C.).
Orr, Robert (Z., C.).
Patrick, James (B., Z., P.).
Pollock, William Barr Inglis (Z., C.).
Reid, John (Lanark) (B., Z.).
Reid, Peter Mackenzie (Z., P.).
Richards, Maud Ada (P., C.).
Richmond, John Duncan (Z., P.).
Riddell, William Alexander (B., P.).
Ritchie, Margaret Mitchell (P., C.).
Ritchings, Mary Ann Thompson (Z., P.)
Roberts, Henry Thomas (B., Z., P., C.).
Robertson, Sara Maude (Z.).
Robin, Arthur (B., C.).
Ross, James Crawford (Z., P.).
Russell, David (Z., P.).
Scott, Malcolm (P., C.).
Shannon, David (Z., P.).
Sharp, Edgar William (Z., P.).
Sinclair, Malcolm Alexander (B., P.).
Smellie, Archibald (B., C.).
Smith, John Steele (B.).
Spence, David (Z., P.).
Steven, Peter Alexander (B., C.).
Stewart, Andrew (Z., P.).
Strathearn, John (Z., P.).
Taylor, Gertrude Florence Fleetwood (B., Z.).
Thomson, Charles Pinkerton (C.).
Townley, Joseph Swinburne (B., Z.).
Turnbull, James Cameron (Z., P.).
Turnbull, John (P., C.).
Vost, Arthur (C.).
Wainwright, Albert Ernest (Z., P.).
White, George (Z., P.).
White, Robert George (Z.).
Wildish, George Henry (B.).
Wright, Hugh Patrick (Z., P.).
Young, John (Bearsden) (B., P.).

SECOND PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (A., Anatomy; P., Physiology; M., Materia Medica and Therapeutics):—

October, 1895.

Allan, Alexander Smith (M.).
Alston, James (A., P., M.).
Bennett, Daisy Annabelle (A.).
Blair, George M'Lellan (M.).
Bolcyn, John George Wilson (A., P.).
Burns, William Cochran (A., P.).
Cairns, David Louis (M.).
Charteris, Francis James (M.).
Clark, George (A., P., M.).
Clarke, Joseph Adam (M.).
Coats, George (A., P., M.).
Coats, George William (M.).
Cochran, James Duncan (M.).
Corbett, Joseph Muir (A., P., M.).
Crawford, Robert (A., P.).
Crow, John (A., P.).
Findlay, Walter Scobie, M.A. (M.).
Fleming, James Finlayson (M.).
Forrester, Adrian Andrew (M.).
Gardner, Mary (A., P.).
Garvie, Thomas Bonnar (A., P., M.).
Hunter, Thomas, M.A. (A., P.).
Lawrie, Alexander (P., M.).
Lindsay, Alexander Miller (A., P.).
Little, John Watson (A., P., M.).
Lorimer, Jane (A., P.).
MacDonald, John (M.).
Macdonald, Murdoch (A., P.).
Macfarlane, Minna Amelia (A., P.).
M'Haffie, James (M.).
M'Kail, David (M.).
Mackenzie, Laurence Abel (A., P., M.).
M'Queen, James, M.A. (M.).
Ormond, James Service (A., P., M.).
Reid, John (Glasgow) (A., P., M.).
Robson, Agnes Renton (A., P.)

Scott, Norman Emil Henry (M.).
Scott, Robert (A., P.).
Simpson, John Laird (A., P.).
Sloan, Alexander Bankier (M.).
Sloan, Samuel Macfarlane (M.).
Smith, Catherine Love (A., P.).
Smith, David Steele (M.).
Smith, Jessie Hawkesworth (M.).
Stewart, John M'Callum (A., P., M.).
Sutherland, Donald Sage (A., P., M.).
Swan, James Douglas Carnon (A., P.).
Taylor, Matthew Logan (M.).
Thomas, Daniel Rees (A., M.).
Thomson, Walter Lewis (M.).
Walker, William James Alex. (A., P.).
Watson, William (M.).
Wotherspoon, John (A., P.).
Wyper, William (M.).
Young, David John (M.).

April, 1896.

Aitken, John (A., P.).
Alexander, George (A., P.).
Ballantyne, Arthur James (A., P.).
Barclay, Andrew Aitken (A., P.).
Barrowman, James (A., P.).
Bennett, Daisy Annabelle (P., M.).
Bennett, William (A., P.).
Beveridge, James Symond (A., P.).
Blackadder, Angus Forbes (A., P., M.).
Blair, George MacLellan (A., P.).
Boleyn, John George Wilson (M.).
Broadway, Theodore Belchambers (M.).
Brunton, John (A., P.).
Buckley, Lucy, B.Sc. (M.).
Burns, William Cochran (M.).
Carswell, Robert, M.A. (A., P.).
Cassells, Alexander Henderson (A.).
Clark, Andrew (A., P.).
Crawford, Robert (M.).
Crow, John (M.).
Davie, John Lithgow (A.).
Douglas, Robert, M.A. (A., P.).
Garrow, Alexander (A., P.).
Green, James Garden (A.).
Harvey, David Sloan (A., P.).
Heap, Harold Smith (A., P.).
Henderson, John (A., P.).
Hunter, Thomas, M.A., B.Sc. (M.).
Jersey, Ernest Frederick Lionel de (P., M.).
Jones, Edward William Reese (A., P.).
Keir, William Wallace (A., P.).
Lindsay, Alexander Millar (M.).
Longmire, Mary (A., P.).
Lunan, Robert (M.).
Matheson, Alexander (A., P.).
Miller, James Blakely (A., P.).
Mitchell, James Alexander (A., P.).
Mitchell, Percival Ambler (A., P.).
Myhre, Karen Margrethe (A., P.).
M'Call, Eva (A., P., M.).
Macdonald, Murdoch (M.).
Macewan, Archibald Turner (A., P., M.)
Macfarlane, Minna Amelia (M.).
M'Kinlay, Dugald (A., P.).
M'Neil, Margaret Wallace Howie (A., P.).
Macnicol, Roderick Reid, M.A. (A., P.).
M'Whir, James (M.).
Niven, Robert (A., P.).
Pearce, Percival Leslie (A., P.).
Poulter, Mabel Catharine (A., P., M.).
Prowse, Jean Effie (A.).
Robson, Agnes Renton (M.).
Ross, Marion Jamieson (A., P.).
Scott, Joseph Wilkie (A., P.).
Scott, Robert (M.).
Shaw, John, M.A. (A., P.).
Simon, David Ap (A.).
Sloan, John Macfarlane (A., P.).
Smith, Catherine Love (M.).
Stevenson, Francis (P.).
Stokes, Frederick Ernest (A., P.).
Strang, James (M.).
Strang, Thomas Morton (A., P.).
Swan, James Douglas Carnon (M.).
Thomas, Daniel Rees (P.).
Walker, William James Alex. (M.).
Watt, Ernest (M.).
Weir, Edward Roberts (M.).
Whiteford, Sara (P.).
Wilson, James Patterson (A., P.).
Wotherspoon, John (M.).

THIRD PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (P., Pathology; M., Medical Jurisprudence and Public Health):—

April, 1896.

Charteris, Francis James (P., M.).
Clark, George (P., M.).
Coats, George William (P.).
Cochran, James Duncan (P., M.).
Corbett, Joseph Muir (P., M.).
Findlay, Walter Scobie, M.A. (P., M.).
Forrester, Adrian Andrew (P., M.).
Harrison, Lawrence Whitaker (P., M.).
Lindsay, William Mitchell (P.).
Liston, William Glen (P., M.).
M'Haffie, James (P., M.).
M'Kail, David (P., M.).
Scott, Norman Emil Henry (P., M.).
Sloan, Samuel Macfarlane (P., M.).
Smith, David Steele (P., M.).
Taylor, Matthew Logan (P., M.).

IV. FOR DEGREE OF B.Sc.

OLD REGULATIONS.

IN ZOOLOGY.

October, 1895.

M'Dougall, Alexander, M.A.

IN MORAL PHILOSOPHY.

April, 1896.

Ellis, Thomas.

REGULATIONS OF 1890.

A. In Natural Science.

SECOND EXAMINATION—EXPERIMENTAL PHYSICS, CHEMISTRY.

October, 1895.

Stanford, Charles Edward Cortis.

SECOND EXAMINATION—ANATOMY, PHYSIOLOGY.

October, 1895.

Hunter, Thomas, M.A. (Honours).
Martin, William, M.A. (Honours).

April, 1896.

Craig, Peter Latimer Leitch, M.A. (Honours).

B. In Engineering Science.

MATHEMATICS.

April, 1896.

Orr, John.

NATURAL PHILOSOPHY.

October, 1895.

Blair, George. | Dittmar, August.

April, 1896.

Orr, John.

CHEMISTRY.

October, 1895.

Crawford, James Buchanan.

CIVIL ENGINEERING AND MECHANICS.

April, 1896.

Dittmar, August. | Gardner, Stanley Joseph.
Morrison, William.

REGULATIONS OF 1892.

A. In Pure Science.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1895.

Buchan, George F. (Mathematics and Natural Philosophy).
Clark, Daisy A. M. (Chemistry and Biology).
Duncan, John P. (Chemistry).
Walker, Alice Rosalie (Biology).

April, 1896.

Auld, Robert (Chemistry).
Buchan, George F. (Chemistry).
Clark, Daisy A. M. (Natural Philosophy).
Clark, Robert M. (Mathematics, Natural Philosophy, Chemistry).
Leitch, John W., M.A. (Chemistry).
Martin, Allan, M.A. (Chemistry).
Pirret, Ruth (Chemistry).
Smith, Andrew (Mathematics, Natural Philosophy, Chemistry).
Templeton, William S., M.A. (Chemistry).
Walker, Alice Rosalie (Natural Philosophy).

B. In Engineering.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1895.

Black, John F. (Ordinary Math., Ordinary Natural Philosophy, Chemistry).
Grieve, James H. (Experimental Physics, Chemistry).
Muir, James (Higher Mathematics, Chemistry).
Murdoch, William H. F. (Chemistry).
Styles, Oliver (Higher Mathematics).
Walker, Archibald C. (Higher Mathematics).
Williams, Owen R (Ordinary Math , Ordinary Natural Philosophy, Chemistry).
Wilson, William Renfrew (Chemistry).

April, 1896.

Black, John F. (Higher Mathematics, Higher Natural Philosophy).
Dunn, Andrew (Higher Natural Philosophy).
Fisher, Hugh N. E. (Chemistry).
Fraser, Ebenezer (Ordinary Mathematics, Ordinary Natural Philosophy).
French, James W. (Higher Mathematics).
Glen, John (Chemistry).
Grieve, James H. (Higher Mathematics, Higher Natural Philosophy).
Lowe, Peter (Higher Mathematics, Higher Natural Philosophy).
Muir, James (Higher Natural Philosophy).
MacFarlane, Charles S. L. (Higher Mathematics).
M'Intosh, James R. (Ordinary Natural Philosophy, Chemistry).
M'Millan, Alexander M. (Ordinary Mathematics).
Macmillan, Archibald M. ([1] Higher Mathematics, Ordinary Natural Philosophy).
Nimmo, James V. (Chemistry).
Styles, Oliver (Higher Natural Philosophy).
Wallace, Hugh ([1] Higher Mathematics).
Williams, Owen R. (Higher Mathematics).
Wilson, William Renfrew (Higher Mathematics, Ordinary Natural Philosophy).

FINAL SCIENCE EXAMINATION—PORTION.

October, 1895.

Muir, John (Geology and Mineralogy).
Styles, Oliver (Geology and Mineralogy).

[1] With Special Distinction in Higher Mathematics.

April, 1896.

Murdoch, William H. F. (Electricity—Pure and Applied).
Styles, Oliver (Engineering and Drawing).

V. FOR DEGREE OF M.A.

OLD REGULATIONS.

1. IN CLASSICAL LITERATURE.

October, 1895.

Edward, Alexander Kerr.
Falconer, James.
Fraser, Alexander.
Inglis, Robert.
Kerr, Ronald Currie.
Longwill, John.
Mathie, Claude.
Muirhead, William.
Murray, Samuel John.
Orr, Richard.
Robertson, Andrew Stirton.
Skeoch, William Reid.
Taylor, Campbell.

April, 1896.

Crawford, David Hodge (I. Hon.).
Cunningham, John Freeland (II. Hon.).
Henderson, Ephraim Macmurtrie.
M'Murtrie, James (II. Hon.).
Smith, James Wight.
Smith, William.
Winning, Isaac.

2. IN MENTAL PHILOSOPHY.

October, 1895.

Barclay, David Y.
Blair, David.
Duke, John A. (II. Hon.).
Ferguson, Alexander M.
Gray, Robert A.
Kesson, Colin M.
Kesson, Henry.
Meiklejohn, James.
Middleton, John.
Miller, David.
Miller, John.
Moffatt, James.
Munro, Edwin S.
Reid, William P.
Scobie, William.
Smith, Alexander.
Stanton, Thomas J.
Stewart, Frederick R.
Thompson, John B.
Walker, Robert.

April, 1896.

Ainslie, James Lyon.
Anderson, James Wilson.
Caird, Alexander B.
Colquhoun, Alexander.
Douglas, William.
Dunlop, William L.
Forrest, Walter.
Girvan, John.
Hamilton, James.
Hendrie, Thomas.
Kerr, Ronald C.
Lawson, John.
Lindsay, James.
Longwill, John.
MacColl, Neil.
M'Gregor, Duncan.
Macrae, Alexander C. M.
Ramsay, William.
Robertson, Andrew S.
Saunders, James C.
Taylor, Campbell.

3. IN MATHEMATICS AND NATURAL PHILOSOPHY.

October, 1895.

Aikman, Matthew.
Ballantyne, George.
Beaton, Donald M'Gilvray.
Cross, William.
Dunlop, James Slater (II. Hon.).
Griffith, Hugh Evan.
Higgins, James.
Hutchison, Hugh Cameron.
Jenkins, Hugh.
Johnstone, Archibald Roy.

Knox, James.
Lindsay, Wm. Anderson (I. Hon.).
Macdonald, Coll Archibald.
M'Lachlan, Andrew.
Macleod, Alexander.
Macleod, Donald.
Nisbet, Thomas (I. Hon.).
Paterson, John.
Saunders, James Crombie.
Walker, David.

April, 1896.

Bain, George.
Bauchop, Jeffrey D.
Blair, David.
Campbell, Henry James.
Clark, Dugald.
Douglas, Donald.
Ferguson, Alexander M.
Fraser, Alexander.
Grant, Alexander Brown.
Kesson, Henry.
Loggie, William Wright.
Longwill, John.
Middleton, John.
Miller, Edward.
Mitchell, William C.
Paterson, William S.
Pollock, Robert C.
Primrose, Hugh.
Robertson, Andrew S.
Ross, George M.
Scobie, William.
Smith, Thomas T.
Stanton, Thomas J.

NEW REGULATIONS.

A. - LANGUAGE AND LITERATURE.

LATIN.

October, 1895.

Adams, George S. (I. Hon.).
Aitken, Robert.
Arroll, Walter.
Begg, William H.
Bell, Robert J. T.
Brander, James P. (I. Hon.).
Candlish, Robert.
Cappell, James.
Diamond, Harry.
Dick, Gilbert.
Dick, William.
Ferguson, Mungo.
Harvey, John.
Johnston, John B.
Johnston, Lucy P.
Kyle, David.
Lindsay, Margaret E.
Matheson, Charles.
Murray, Arthur E.
M'Kay, John D.
M'Kenzie, Ivy.
Mackenzie, William S.
Maclean, James A.
Macpherson, Charles.
M'Phun, Margret Pollock.
Parkin, William L. (III. Hon.).
Paterson, David S.
Paton, James Bowie.
Philips, William (Glasgow).
Pringle, William M. R. (II. Hon.).
Raeburn, William Norman.
Rafferty, John.
Ramsay, John M. (I. Hon.).
Rule, Helen Margaret.
Scott, Gavin (II. Hon.).
Shaughnessy, Alexander.
Smith, David Baird.
Tannahill, Constance.
Tennent, Robert.
Thomson, James (Glasgow).
Walker, James.
Wilson, James Bald.
Wilson, James Young.

April, 1896.

Adam, Henry Harper.
Aitken, George Jeffrey.
Anderson, Norman Carrick.
Bain, David.
Bell, Robert Daniels (I. Hon.).
Blair, David Logan.
Blair, Isabella Brown.
Brown, John.
Carmichael, James.
Farquharson, William Henry Stuart.
Fulton, William.
Gillan, William Woodburn.
Hannah, Elizabeth.

Hanson, John.
Johnston, John Dalrymple.
Lambie, John.
Leitch, Archibald.
Lindsay, Alex. Dunlop.
Love, William Henderson.
Mair, Jeanie.
Malloch, Jane Esdon.
Masterton, Robert Shaw.
May, Maude Gertrude.
Miller, Robert Bennett.
Muir, John.
Macalister, William Grierson.
M'Clemont, Joseph.
M'Creadie, Anthony.
M'Cutcheon, James White.
M'Donald, Alexander.
M'Donald, Roderick Gray.
M'Gill, Robert Wilson.
MacGregor, Gregor.
M'Jannett, Jane Ross Scott.
MacKay, Alex. Borthwick.
M'Michael, Thomas.
Macnab, William.
Osborne, Barbara Pagan.
Pairman, James Carmichael.
Paterson, Thomas.
Riddell, Andrew Lindsay.
Riddell, Daniel Falconer.
Riddell, John.
Russell, John Cooper.
Sellar, Alexander.
Skilling, James Latta.
Snodgrass, Neil Smith.
Steele, Thomas.
Stewart, David Macfarlane.
Stewart, Jane Buchanan.
Tannock, William.
Templeton, James.
Whyte, John Wallace.
Wright, Thomas Grieve.

GREEK.

October, 1895.

Adams, George S. (I. Hon.).
Bell, Robert J. T.
Brander, James P. (I. Hon.).
Diamond, Harry.
Gardner, Alexander A.
Harvey, John.
Jones, Thomas E.
Malloch, Jane Esdon.
Matheson, Charles.
M'Neill, John C. W.
Macpherson, Charles.
Ogilvy, John Urquhart.
Parkin, William L. (III. Hon.).
Pringle, William M. R. (II. Hon.).
Pullar, Thomas.
Raeburn, William N.
Ramsay, John M. (I. Hon.).
Ross, John J.
Scott, Gavin (II. Hon.).
Stevenson, David.
Tennent, Robert.
Turner, Robert Lister.
Webber, Henry G.

April, 1896.

Atkinson, Mabel.
Babington, Matthew.
Bain, David.
Baird, William.
Bell, Robert Daniels (I. Hon.).
Cappell, James.
Core, William.
Dick, William.
Dixon, Sydney.
Ferguson, Mungo.
Fulton, John.
Fulton, John Wilson.
Fulton, William.
Gillan, William Woodburn.
Hanson, John.
Johnston, John Baxter.
Johnston, John Dalrymple.
Leitch, Archibald.
Lindsay, Alex. Dunlop.
Love, William Henderson.
Martin, Robert Howie.
Montgomerie, William.
MacGregor, Gregor.
Pairman, James Carmichael.
Paterson, Thomas.
Riddell, Daniel Falconer.
Skilling, James Latta.
Smith, David Baird.
Steele, Thomas.
Stephen, Alexander.
Stewart, David Macfarlane.
Stewart, Robert William.
Walker, James.
Walker, William Greig.
Wilson, James Young.
Wright, Thomas Grieve.
Yuill, Isobel.

ENGLISH.

October, 1895.

Burr, Robert A.
Cameron, Donald C.
Hair, James.
Johnston, Lucy P.
Liddle, David F.
Martin, Robert H.
Martyn, Harry S.
Monteith, John C.
Maclean, James A.
Nelson, Allan M.
Ross, John J.
Wilson, James.

April, 1896.

Aitken, George J.
Aitken, Robert.
Bell, Robert D.
Bowie, Robert.
Brander, James P.
Candlish, Robert.
Connor, Agnes M.
Core, William.
Craig, James F.
Craig, Thomas.
Dickson, Robert M.
Dock, George.
Dunlop, Annie.
Farquharson, William H. S.
Ferguson, Fergus.
Frame, Robert.
Fulton, William W.
Gibson, Allan.
Gray, John.
Hannah, Elizabeth.
Haran, Thomas S.
Harrison, Dorothy.
Henderson, Peter.
Hepburn, Percy.
Howie, Robert Y.
Johnston, John B.
Johnston, William.
Kelly, Andrew M.
Mair, Jeanie.
Martin, Alexander J.
Matheson, Charles.
Miller, William J. S.
Milne, John N.
Montgomerie, William.
Morton, Thomas E.
Murphy, John.
Murray, Arthur E.
Murray, Lewis D.
MacCormick, John A.
M'Cracken, William R.
Mackay, Hector W.
Mackellar, John A. C.
Mackenzie, Alexander R.
M'Kenzie, Ivy.
M'Neill, John C. W.
M'Ouat, Murdoch.
Macpherson, Charles.
M'Pherson, James.
Nielson, Gordon B.
Ogilvie, George.
Paterson, David S.
Philips, William.
Phillips, William (Galston).
Scott, William (Lanark).
Shaughnessy, Alexander.
Shearer, James.
Smith, Alexander M.
Smith, David.
Stuart, Leonard.
Tannahill, Agnes M.
Towers, Joseph W.
Valentine, George D.
Vernal, Francis.
Watson, Frederick A.
Watt, Robert.
Wilkie, Arthur W.
Wilson, James Bald.
Wilson, James Young.
Young, Robert B.
Yuill, Isobel.

FRENCH.

October, 1895.

M'Ilroy, Jane Hamilton.

April, 1896.

Dunlop, Annie.
Fraser, Margaret C.
M'Ara, Jenny.
M'Donald, Alexander.
M'Dougall, Daniel D.
M'Gill, Robert W.

GERMAN.

April, 1896.

Allison, Jane Maclure. | Gilchrist, Jessie Lyon.

HEBREW.

April, 1896.

Miller, William James Sommerville. | Scott, Andrew Boyd.

B.—MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS.

October, 1895.

Bowie, Robert.
Christie, John C.
Core, William.
Gillies, William King (I. Hon.).
Hair, James.
Johnston, William.
Liddell, James G.
Marr, James.
Ogilvy, John U.
Smith, David.
Stewart, William.
Turnbull, Matthew.
Webber, Henry G.

April, 1896.

Aitken, Robert.
Arroll, Walter.
Auchinachie, Peter.
Baird, James W.
Bigg, William H.
Blair, Isabella B.
Buchanan, Hugh R.
Candlish, Robert.
Crichton, Marion.
Davidson, Robert.
Dick, Gilbert.
Dickson, Robert M.
Dock, George.
Falconer, John.
Ferguson, Fergus.
Glen, Robert F.
Gray, John.
Haran, Thomas S.
Henderson, James E.
Hepburn, Percy.
Main, Archibald.
Malloch, Jane E.
Milne John N.
Mitchell, James D.
Murphy, John.
Murray, Dorothy N. T.
Murray, George.
Macdonald, John.
Macdougall, Daniel D.
M'Farlan, Donald.
Macfarlane, Andrew.
M'Intyre, John E.
Macmillan, Katharine T.
Macpherson, Charles.
M'Pherson, James.
MacPhun, Margret P.
Paterson, Andrew.
Philips, William.
Pollock, James F.
Preston, David.
Pullar, Thomas.
Rutherfurd, Helen.
Scott, William (Lanark).
Shaughnessy, Alexander.
Stephen, Alexander.
Stewart, Jane B.
Stuart, Leonard.
Tannahill, Agnes M.
Wilkie, Arthur W.
Wilson, James.

MORAL PHILOSOPHY.

October, 1895.

Blythe, Walter.
Bowie, Robert.
Gillies, William King (I. Hon.).
Hair, James.
Lowson, Peter.
Martin, Allan.
M'Ouat, Murdoch.
Phillips, William (Galston).
Reid, William.
Snodgrass, Neil Smith.
Stewart, William.
Templeman, James M.
Wallace, John.
Young, George Glen Blyth.

April, 1896.

Anderson, Archibald.
Anderson, Harry A. P.
Anderson, Robert P. R.
Auchinachie, Peter.
Brash, John.
Burr, Robert Alex.
Cameron, Duncan.
Davidson, Robert.
Diamond, Harry.
Dick, Gilbert.
Dick, William C.
Falconer, John.
Fraser, Alexander.
Fraser, Ebenezer Hugh.
Hay, Grace F.
Howie, Robert.
Liddell, James Grant.
Lochhead, John.
Malloch, Jane Esdon.
Martyn, Harry S.
Miller, Robert B.
Murray, George.
M'Cormick, John A.
M'Donald, John.
M'Gill, Robert W.
M'Jannett, Jane R. S.
Mackellar, John A. C.
Maclean, James A.
Macpherson, Charles.
M'Phun, Margret P.
Ogilvie, George.
Pollock, James F.
Preston, David.
Ross, John Johnston.
Ross, Neil.
Scott, William (Glasgow).
Shaughnessy, Alexander.
Stewart, John (Kilmarnock).
Tennent, Robert.
Turnbull, Matthew.
Tweeddale, David H.
Wallace, Horace F.
Watson, Frederick A.
White, Joseph.
Whyte, John Wallace.
Wilson, James.
Wilson, Robert.

POLITICAL ECONOMY.

October, 1895.

Cameron, Donald Cunninghame.

April, 1896.

Gilmour, James.
Johnston, James Alex.
Milne, John Neil.
M'Ouat, Murdoch.

THEORY, HISTORY, AND ART OF EDUCATION.

October, 1895.

Burr, Robert Alexander.
Conacher, John.

April, 1896.

Adam, Henry H.
Baird, Thomas.
Bell, Robert J. T.
Brown, John.
Burns, Alexander.
Carmichael, James.
Chisholm, John.
Edward, William A.
Erskine, Robert.
Falconer, John.
Farquharson, William H. S.
Haddow, Alexander.
Kerr, Andrew J. C.
Lowson, Peter.
Morton, Thomas E.
M'Allister, William.
M'Creadie, Anthony.
M'Ilroy, Isabella B.
Maclean, James A.
Paterson, Andrew.
Phillips, William (Galston).
Rafferty, John.
Russell, John C.
Stephen, Alexander.
Stevenson, David.
Tannock, William.
Vernal, Francis.
Webber, Henry G.
Wilson, James B.
Young, Robert B.

PHILOSOPHY OF LAW.

October, 1895.

Cameron, Donald Cunninghame.
Monteith, John Cassels.

C.—SCIENCE.

MATHEMATICS.

October, 1895.

Anderson, Norman Carrick.
Arroll, Walter.
Bain, David.
Blyth, Vincent James.
Bowie, Robert.
Brander, James Paterson.
Burns, Alexander.
Craig, Thomas.
Cross, Alexander.
Gray, John.
Lowson, Peter.
Mair, Jeanie.
Masterton, Robert Shaw.
Mitchell, James Donald.
M'Creadie, Anthony.
M'Kay, John Dewar.
Paton, James Bowie.
Scott, Alexander M'Callum.
Stevenson, David.
Stewart, Adam Bell (I. Hon.).
Tannock, William.
Wilson, James Young.
Wilson, Robert.

April, 1896.

Abernethy, William.
Allan, Alexander.
Allison, Jane M.
Anderson, Archibald.
Auchinachie, Peter.
Begg, Robert H.
Beith, Peter.
Bell, Robert D.
Black, James M.
Brown, John.
Campbell, Thomas M.
Cappell, James.
Chisholm, John.
Coubrough, Anthony C.
Cowan, James D.
Craig, James F.
Dick, William.
Fulton, William.
Galbraith, George.
Gall, Alexander M.
Gibson, Allan.
Gibson, Cameron R.
Gilmour, James.
Haddow, Alexander.
Hair, James.
Hamilton, Robert S.
Haran, Thomas S.
Harvey, John.
Henderson, Peter.
Howie, Robert Y.
Inglis, Henry A.
Johnston, James A.
Kelly, Isobel Stewart.
Lindsay, Margaret E.
May, Maude Gertrude.
Milne, Francis W.
Macalister, William G.
M'Allister, William.
M'Cutcheon, James W.
Macfarlane, Andrew.
M'Ilroy, Isabella B.
M'Iver, Murdoch.
M'Michael, Thomas.
M'Taggart, Duncan.
Nielson, Gordon B.
Ogilvie, George.
Pairman, James C.
Paterson, Thomas.
Pullar, Thomas.
Rafferty, John.
Riddell, Andrew L.
Scott, William (Lanark).
Sellar, Alexander.
Smith, Thomas M.
Stevenson, William D. H.
Stewart, David M.
Stratton, William.
Tannahill, Constance.
Turnbull, Matthew.
Vernal, Francis.
Walker, Joseph.
Wallace, Horace F.
Wardlaw, Robert S.
Young, Robert Burns.

NATURAL PHILOSOPHY.

October, 1895.

Blyth, Vincent James.
Blythe, Walter.
Dick, James.
Gowans, Adam Luke.
Hepburn, Percy.
Martin, Allan.
Mitchell, James Donald.
M'Cracken, William Rennie.
Shearer, James.
Stewart, Adam Bell (I. Hon.).

April, 1896.

Abernethy, William.
Anderson, Robert P. R.
Atkinson, Mabel.
Cameron, Duncan.
Campbell, Thomas M.
Dick, William Carson.
Fraser, Ebenezer Hugh.
Gourlay, Charles A.
Inglis, Henry A.
Lindsay, William A.
Millar, James.
Monie, Peter William.
MacCormick, John A.
M'Ilroy, Jane Hamilton.
Reid, William.
Ross, John Johnston.
Stewart, John (Kilmarnock).
Turnbull, Matthew.
Tweeddale, David H.
Walker, James.
Wallace, John.

ASTRONOMY.

April, 1896.

Gibson, Cameron Robertson.
Ross, John Johnston.

CHEMISTRY.

April, 1896.

Kyle, David.
Millar, James.

ZOOLOGY.

April, 1896.

Gourlay, Charles Aikman.
White, Robert George.

BOTANY.

April, 1896.

Cuthbert, Charles Campbell.

D.—HISTORY AND LAW.

HISTORY.

October, 1895.

Aitken, George Jeffrey.
Young, George Glen Blyth.

April, 1896.

Adam, James.
Anderson, Archibald.
Bowie, Robert.
Cowan, James D.
Craik, David.
Dick, Charles.
Fraser, Alexander.
Fulton, John W.
Hay, Grace F.
Howie, Robert.
Liddle, David F.
Lindsay, Margaret E.
Lochhead, John.
Marr, James.
Martin, Robert H.
Martyn, Harry S.
Murray, Arthur E.
M'Donald, John.
Mackay, Hector W.
Mackellar, John A. C.
Maclean, James A.
M'Millan, Katharine T.
Ross, Neil.
Stevenson, David.
Tannahill, Constance.
Templeman, James M.
Tennent, Robert.
Valentine, George D.
Wilson, Robert.

ROMAN LAW.

April, 1896.

Adam, James.
Cameron, Donald Cunninghame.
Glen, Robert Fulton.
Monteith, John Cassels.
M'Kay, John Dewar.
Thomson, James (Glasgow).

EXAMINATION FOR CANDIDATES FOR THE ARMY.

IN LOGIC.

October, 1895.

Wingate, Thomas P.

PRELIMINARY EXAMINATION FOR DEGREES IN ARTS AND SCIENCE.

The following candidates passed in the subjects indicated (L., Lower; I., Intermediate; H., Higher):—

October, 1895.

Aitchison, James Alexander (H. Greek).
Alexander, Hugh (H. Latin, H. Greek).
Allan, Alexander (H. Greek).
Allison, Jane M'Clure (L. Latin).
Anderson, Harry Angus Paterson (H. Greek).
Anderson, Maggie Lindsay (L. Math., L. Latin).
Archibald, James Rennie (H. Latin, H. Greek).
Arthur, Robert James (English, H. Math.).
Balderston, Charles Alfred (H. Latin, L. Greek).
Bayne, Alexander (L. Latin).
Begg, Robert Henderson (H. Latin).
Beith, Peter (H. Math., L. Greek).
Bell, Robert William (L. Latin).
Berry, William Boyd (L. Math., H. Latin).
Blair, Margaret Fyfe (English, French).
Blair, Robert Bradburn (L. Math.).
Boyd, Winifred (L. Math.).
Brown, Alexander (I. Math., L. Latin, L. Greek).
Brown, John (Glasgow) (English, H. Math., H. Latin, Dynamics).
Brown, John Dunlop (English).
Buchanan, Thomas (English, L. Latin).
Busby, William Edward (English, I. Math., H. Latin).
Caird, William (French).
Cameron, Hector Charles (L. Math., H. Latin, H. Greek).
Cameron, William Francis (I. Math., L. Latin).
Campbell, Alexander Daniel (L. Latin, L. Greek).
Campbell, David Whyte Buist Fleming (English, H. Math., H. Latin, H. Greek).
Campbell, Mary Isa (I. Math., L. Latin).
Campbell, Peter (H. Math).
Christie, John Cairns (L. Greek).
Cole, James Thomson (English).
Condie, George (L. Math., L. Latin, L. Greek).
Connor, Agnes Muir (L. Math., H. Latin).
Connor, William Morgan (L. Latin).
Craig, Francis William (English).
Cramb, Ernest Hamilton (L. Latin).
Crum, Alexander William (L. Latin).
Cunningham, Mary (L. Math.).
Davidson, William George (English, H. Latin).
Davies, Frederick John (English).
Dinwoodie, James (English).
Dixon, Sydney (I. Math., H. Greek).

Donald, Thomas Walter (English, H. Latin, L. Greek).
Donaldson, James Robertson (H. Math., L. Latin, L. Greek).
Douglas, Charles Stuart (Dynamics).
Duncan, John (English, H. Math.).
Dunlop, Annie (English, H. Latin).
Dunlop, Reginald (L. Greek).
Dyer, Charles Henry (H. Latin, H. Greek).
Erskine, Robert (H. Latin).
Fairlie, John Miller (L. Greek).
Fearn John Clark (L. Latin, L. Greek).
Ferguson, John (H. Latin, H. Greek).
Fleming, Norman (H. Latin).
Fraser, Hannah Hutcheson (English, I. Math.).
Fraser, James (L. Latin, L. Greek).
Fraser, Kate (English, Dynamics).
Fraser, Margaret Coats (H. Math., L. Latin, French).
French, James Weir (H. Math., L. Latin).
Fulton, William (English, H. Math.).
Galbraith, George (L. Greek).
Gall, Alexander Martin (English, H. Latin, L. Greek).
Gavin, Michael (English, L. Latin, H. Greek).
Geddes, Mathew (English, I. Math., H. Latin, L. Greek, Dynamics).
Gibson, Cameron Robertson (English, L. Latin).
Gilchrist, Jessie Lyon (L. Latin).
Gillan, William Woodburn (H. Greek).
Gray, Mary Anne (L. Math.).
Gray, Robert Whytlaw (English, Dynamics).
Guthrie, John (English, L. Latin).
Haddow, Alexander (H. Math., H. Latin).
Hannah, Elizabeth (French).
Henderson, Peter (I. Math.).
Henry, Francis Joseph (H. Math., L. Latin).
Hume, James (L. Latin, Dynamics).
Hutchison, Stephen (H. Math., Dynamics).
Hutson, William (L. Latin).
Hyslop, William (English, I. Math., L. Latin).
Inglis, Henry Alexander (English, H. Math., H. Latin, H. Greek, Dynamics).
Johnston, John Dalrymple (H. Greek).
Jordan, James William (H. Latin).
Kelly, Andrew M'Clanachan (L. Greek).
Kelly, Isobel Stewart (H. Math., H. Latin).
King, Alexander (English, L. Math., H. Latin, L. Greek).
Lambie, John (H. Greek).
Lamont, James (L. Latin).
Lean, Ronald (English, I. Math., L. Latin).
Leckie, James (I. Math.).
Leitch, Archibald (H. Math., H. Greek).
Logan, Thomas Wilson (L. Latin).
Lovett, Thomas (L. Latin).
Lowson, Matthew (I. Math., H. Latin, H. Greek).
Lowson, Peter (H. Latin).
Malloch, Jane Esdon (H. Latin).
Masterton, Robert Shaw (H. Greek).
May, Maude Gertrude (H. Latin).
Miller, William James Sommerville (Hebrew).

Mitchell, James Alfred (H. Latin, L. Greek).
Moore, Vere Elliott (H. Latin, Dynamics).
Morrison, William (L. Latin).
Morton, William Topping (I. Math., L. Latin, L. Greek).
Muir, John (French).
M'Allister, William (H. Math., H. Latin, Dynamics).
M'Ara, Jenny (I. Math., H. Latin, French).
Macarthur, Malcolm (L. Latin, L. Greek).
M'Clelland, Claud Marshal (English).
M'Cutcheon, James White (H. Latin).
M'Donald, Alexander (English, H. Latin).
Macdonald, John (L. Math., H. Latin, L. Greek).
M'Donald, Roderick Gray (H. Greek).
M'Dougall, Daniel Douglas (French).
M'Ewan, Thomas (English, H. Math., H. Latin, H. Greek).
M'Gill, Robert Wilson (French).
MacGregor, Gregor (H. Greek).
MacGregor, James (English, L. Latin).
M'Ilroy, Isabella Beattie (H. Math., L. Latin).
Macindoe, Margaret Binnie (English, H. Math., French).
M'Intosh, James Rae (English, Dynamics).
M'Iver, Murdoch (L. Greek).
M'Jannett, Jane Ross Scott (H. Latin).
Mackay, Alexander Borthwick (English, H. Latin, L. Greek).
Mackay, Hector William (L. Latin, H. Greek).
Mackenzie, Alexander (English, L. Latin).
Mackenzie, James Alexander (H. Latin, L. Greek).
M'Kerral, Andrew (English, H. Math., H. Latin).
Mackintosh, James Semple (L. Greek).
M'Laren, Margaret (English).
M'Laren, Robert (H. Latin, H. Greek).
M'Lellan, John (L. Math., H. Latin, H. Greek).
MacLennan, Colin (Dynamics).
M'Leod, Daniel (H. Math., H. Latin, Dynamics).
Macleod, Donald (L. Latin, L. Greek).
M'Millan, Alexander M'Gaw (L. Latin, Dynamics).
Macmillan, Archibald Morven (Dynamics).
Macnab, William (English, H. Math., H. Latin, L. Greek).
M'Neilage, John, (L. Latin).
M'Neill, John Victor (H. Greek).
Macpherson, Donald (L. Math., H. Latin, L. Greek).
M'Taggart, Duncan (English, H. Math., H. Latin, L. Greek, Dynamics).
Napier, Andrew (English, L. Math., L. Latin).
Neilson, Thomas (English, H. Math., L. Latin).
Norwell, Alexander (English).
Osborne, Barbara Pagan (English, L. Math., H. Latin, French).
Osborne, Robert Thornton (L. Latin).
Otty, John Edgar Sugden (I. Math., L. Latin).
Pairman, James Carmichael (H. Greek).
Paterson, Andrew (English, H. Math., L. Latin, Dynamics).
Paterson, Annie Wilson (English).
Paterson, Thomas (H. Latin).
Paton, James (English).
Patrick, Isabella Cowan (I. Math.).
Picken, David Kennedy (English, H. Math., L. Latin, Dynamics).

Pollock, James Ferrier (English, H. Latin).
Pryde, James Johnstone (L. Latin).
Pryde, John Marshall (L. Math., L. Latin).
Rafferty, John (I. Math.).
Reid, Margaret Cumming (English, French).
Riddell, Andrew Lindsay (H. Greek).
Riddell, Daniel Falconer (H. Greek).
Risk, William John (I. Math., L. Latin, L. Greek).
Robertson, Thomas Ernest (H. Math., Dynamics).
Robertson, William (H. Math).
Rodger, Thomas Ritchie (H. Greek).
Russell, John Cooper (English, I. Math., H. Latin, Dynamics).
Rutherford, William Steel (L. Math., H. Latin, H. Greek).
Salmond, James (L. Math.).
Scott, Andrew Boyd (Hebrew).
Scouller, Andrew (English).
Sharp, Edgar William (H. Math., L. Latin, L. Greek, Dynamics).
Shaw, Alexander (L. Greek).
Shearer, James (H. Latin).
Sheriff, Charles Campbell (I. Math., H. Latin, L. Greek).
Sladden, Edith Marian (I. Math.).
Smith, Alexander (English, H. Math.).
Smith, Alexander M'Ewen (H. Latin, L. Greek).
Smith, David Baird (H. Greek).
Smith, Donald (L. Math., L. Latin).
Spens, Janet (English, German).
Stark, Margaret Maxwell (English, French).
Steele, Thomas (H. Latin).
Stevenson, William (L. Greek).
Stevenson, William David Henderson (English, H. Math., H. Latin, L. Greek).
Stewart, Charles Stewart Reginald (L. Latin, French).
Stewart, George (H. Math., H. Latin).
Stewart, Robert William (H. Latin, H. Greek).
Stirling, James Neilson (L. Greek).
Strang, Alexander (L. Math., L. Latin, German).
Strang, William Guthrie (English, Dynamics).
Stratton, William (English, I. Math., H. Latin, Dynamics).
Sutherland, William Sinclair (L. Latin).
Symington, Thomas Struthers (H. Latin, L. Greek).
Tannahill, Agnes Mary (H. Math., Dynamics).
Tannahill, Margaret Garrow (English, H. Latin).
Templeton, James (H. Latin, Dynamics).
Thomson, Frederick John (English, L. Math., L. Latin).
Thomson, Katherine (English, I. Math., L. Latin).
Torrance, James (I. Math., H. Latin, L. Greek).
Vernal, Francis (English, Dynamics).
Walker, John (H. Latin, H. Greek).
Walker, William (English, H. Math., L. Latin, L. Greek).
Walker, William Greig (H. Greek).
Wallace, Hugh (H. Math.).
Wardlaw, Robert Stalker (L. Latin).
Warrack, John (Dynamics).
Wason, Alexander (L. Latin, L. Greek).
Wells, Robert Tait (English, H. Latin, L. Greek).
White, John (L. Latin).

Williamson, Alexander (H. Math.).
Wilson, Alexander Cunningham (L. Latin).
Wilson, Alexander Robertson (L. Greek).
Workman, Robert Ernest (L. Latin).
Young, James (L. Latin).
Young, Jessie (English, French).
Young, Peter Taylor (H. Latin, H. Greek).
Yuill, Isobel (H. Greek).

April, 1896.

Abernethy, William (H. Latin).
Alexander, Hugh (English, L. Math.).
Allison, Jane Maclure (H. Latin).
Anderson, Maggie Lindsay (L. Math., H. Latin).
Andrew, Alexander Somerville (L. Latin).
Archibald, James Rennie (English).
Armour, Helen M. (L. Latin).
Baird, James (English, L. Latin, L. Greek).
Balderston, Charles Alfred (English, L. Greek).
Barton, John Williamson (H. Latin, L. Greek).
Bell, Robert William (English, H. Latin).
Berg, Hjalmar (English, H. Math., Dynamics).
Berry, William Boyd (English, French).
Black, Archibald Campbell (I. Math.).
Blue, Alexander (L. Latin, L. Greek).
Blume, Moritz William (H. Math.).
Brechin, Margaret Blackley (English).
Bremner, Herbert Arthur (English, H. Math.).
Brown, Alexander (H. Greek).
Brownlie, John Douglas (Dynamics).
Buchanan, Thomas (H. Math., Dynamics).
Busby, William Edward (Dynamics).
Butters, Harry (H. Math., H. Latin).
Caird, William (H. Math.).
Cameron, Hector Charles (English).
Cameron, Thomas Bell (English, H. Math.).
Cameron, William Francis (English, H. Latin, French).
Campbell, Alexander Daniel (English, H. Greek).
Campbell, Mary Isa (H. Math.).
Chapman, Walter Bartlett (English, French).
Christie, John Cairns (L. Greek).
Cole, James Thomson (L. Latin).
Condie, George (H. Latin, H. Greek).
Connor, William Morgan (L. Latin, L. Greek).
Cramb, Ernest Hamilton (I. Math., L. Latin).
Cromar, Arthur Henry (English, Dynamics).
Crombie, William Duncan (I. Math.).
Crum, Alexander William (H. Math.).
Davidson, Catherine Horne (English).
Davidson, William George (French).
Dickson, Robert Marcus (Hebrew).
Dinwoodie, James (H. Math.).
Donald, Thomas Walter (H. Math., H. Greek).
Donaldson, James Robertson (English).
Douglas, Charles Stuart (H. Math.).
Dow, Samuel Hugh (I. Math., L. Latin).

Dow, William Robert (H. Latin).
Fairlie, John Miller (H. Greek).
Fearn, John Clark (English, H. Math.).
Ferguson, Frederick James (English, I. Math., L. Latin, L. Greek).
Fraser, Hannah Hutcheson (English, H. Math., L. Latin).
Fraser, James (English, L. Math., H. Latin, L. Greek).
Fraser, Kate (H. Math.).
Galbraith, George (H. Greek).
Gavin, Michael (H. Math., H. Latin).
Gilchrist, Jessie Lyon (H. Latin).
Graham, Agnes Mary Tiernan (L. Latin).
Guest, Lionel George William (English, H. Math., L. Latin, French).
Hart, Robert (L. Latin, L. Greek).
Hay, James (L. Latin, L. Greek).
Henderson, Elizabeth Williamson (L. Latin).
Henderson, John Gordon (English, Dynamics).
Hutson, William (English, H. Latin, H. Greek).
Hutton, Mina (H. Math., L. Latin, French).
Hyslop, William (H. Math., H. Latin, Dynamics).
Isbister, William Johnstone (H. Latin).
Jackson, George (English).
Jones, Thomas (English, H. Latin).
Jones, Thomas Alun Hughes (English, L. Math.).
Jordan, James William (Dynamics).
Leckie, James (English, H. Math., Dynamics).
Lindsay, William Archibald (H. Latin).
Little, John Paterson (H. Math., Dynamics).
Love, John Alexander Anderson (L. Latin, L. Greek).
Lowe, Peter (H. Math., L. Latin).
Maguire, Andrew (L. Math.).
Mitchell, James Alfred (English).
Moore, Vere Elliott (H. Math.).
Morrison, Angus John (H. Math.).
Morton, Robert (L. Math.).
Morton, William Topping (H. Math., H. Latin, L. Greek).
Motherwell, Margaret Jeffrey (L. Math.).
Muir, John (H. Math., H. Greek).
Muir, William Dunlop (H. Math.).
Muirhead, Alfred Patman (English, L. Math., H. Latin).
MacDonald, James George (English, H. Math., H. Latin, H. Greek, Dynamics).
Macdonald, John (English, H. Greek).
MacGregor, James (H. Math., H. Latin, Dynamics).
M'Intyre, Wylie Robert (H. Latin, L. Greek).
M'Iver, Murdoch (H. Greek).
Mackay, Alexander Borthwick (H. Greek).
Mackenzie, James Alexander (English, L. Math., H. Greek).
M'Kerral, Andrew (Dynamics).
Mackintosh, James Semple (L. Greek).
Maclean, John (H. Math., Dynamics).
M'Lellan, John (English, H. Math.).
M'Leod, Daniel (English).
Macleod, Donald (L. Math., L. Latin).
M'Neill, Daniel Frederick (L. Math., L. Latin).
Macpherson, Donald (I. Math., H. Greek).
M'Pherson, Peter (English, L. Latin).

M'Taggart, Duncan (H. Greek).
Napier, Andrew (H. Math., L. Latin, Dynamics).
Nicoll, Alexander (English).
O'Hanlon, Patrick (English, H. Math., Dynamics).
Omand, George Gair (L. Latin).
Osborne, Barbara Pagan (H. Greek).
Osborne, Robert Thornton (English, H. Math., L. Latin).
Otty, John Edgar Sugden (H. Math., H. Latin, L. Greek).
Paton, James (H. Math., French, Dynamics).
Picken, David Kennedy (H. Latin).
Pryde, James Johnstone (H. Latin, L. Greek).
Pryde, John Marshall (I. Math., L. Latin, L. Greek).
Pullar, Margaret (German).
Reid, James (L. Latin).
Risk, William John (English, L. Latin).
Robertson, William (H. Latin, H. Greek).
Rutherford, William Steel (H. Math.).
Samuel, Randolph John (H. Latin, H. Greek).
Scouller, Andrew (English, H. Math.).
Sellar, Alexander (H. Greek).
Shaw, Alexander (L. Greek).
Shearer, John (Armadale) (English, L. Latin).
Shearer, John (Glasgow) (L. Latin, L. Greek).
Shearer, Robert Walter Rogerson (English, I. Math., L. Latin).
Sheriff, Charles Campbell (English, I. Math., H. Greek).
Sladden, Edith Marian (H. Math., H. Latin).
Smith, Alexander (H. Latin, L. Greek, French).
Smith, David Baird (I. Math.).
Smith, Ernest Gardiner (H. Latin, H. Greek).
Stark, Margaret Maxwell (H. Math., H. Latin).
Stevenson, William David Henderson (H. Greek).
Stewart, George (Dynamics).
Stewart, Jane Buchanan (H. Math.).
Stewart, Thomas (English, H. Math., L. Latin, Dynamics).
Strang, Alexander (English, I. Math., H. Latin).
Sutherland, William Sinclair (English, H. Latin).
Symington, Thomas Struthers (English, L. Greek).
Tannahill, Margaret Garrow (German).
Thompson, William (English).
Torrance, James (English, L. Greek).
Walker, John (H. Math.).
Wason, Alexander (H. Latin, L. Greek).
Wells, Robert Tait (H. Greek).
White, Jenny Sands (English).
White, John (English, H. Math., Dynamics).
Whitelaw, Andrew Hepburn (H. Math., L. Latin, Dynamics).
Williamson, Charles Macdonald (L. Latin).
Wilson, Alexander Cunningham (English, L. Math., L. Latin).
Wood, John (L. Latin).
Workman, Robert Ernest (English, German).
Wright, John (L. Math.).
Young, James (English, L. Math., L. Latin).
Young, John Finlayson (H. Latin, L. Greek).

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following candidates passed :—

October, 1895.

Barbour, Gavin.
Barclay, James Oastler.
Baxter, Andrew.
Binning, Alexander.
Blyth, Tom Haxton.
Brown, William Herbert.
Caldwell, John Miller Hopkins.
Campbell, John James Young.
Craig, James.
Downie, John.
Gairdner, Eric Dalrymple.
Greig, Lila Stephenson.
Hutchison, Neil M'Coll.
Jack, Thomas Hamilton.
Kelly, James Thompson.
Linn, Alexander.
Liston, Mary Forbes.
Lockhart, John.
Lockhart, Magdalene.
Logan, David Dale.
Marshall, Robert M'Nab.
Maxwell, William.
Miller, Janet Thomson.
Macdonald, Coll.
Mackenzie, Marion Ellen.
Maclean, John.
Richmond, John Duncan.
Russell, David.
Sharp, Edgar William.
Shields, John.
Sinclair, Agnes Brymner.
Sloan, Elizabeth Macfarlane.
Smith, Christian Wood.
Spence, David.
Stewart, John Barbour.
Swan, Robert Rennie.
Talbot, Mabel.
Walker, William Dinning.
White, George.
Wilson, James.
Wilson, John.
Wilson, Thomas Watson.

April, 1896.

Adams, Martha.
Archibald, William.
Barr, John Stoddart.
Bostock, Gertrude Dorman.
Campbell, Angus.
Carmichael, Daniel.
Clark, George Herbert.
Cook, James Bertie Wylie.
Cramb, Ernest Hamilton.
Crawford, John Craig.
Currie, Andrew.
Dale, John Shedden.
Devaux, Charles J.
Gow, Archibald.
Harris, Saul.
Henry, Francis Joseph.
Jarvie, George Russell.
Jeffrey, George Rutherford.
Keir, John Duncan.
Kerr, Douglas Robertson.
Kilpatrick, Daniel Ross.
Lauder, Robert.
Lewis, Stanley Everard.
Lochrane, Frank.
Lockhart, Ronaldina.
Logie, William Jamieson.
Lusk, Joseph Paterson.
Manson, Robert Harry.
Miller, James.
Mitchell, Allan Dixon.
Muir, Allan Howie.
M'Ewen, Jessie Seath.
M'Glashan, William Ferguson.
M'Kee, James Alexander.
M'Millan, George Williamson.
Nisbet, John Dunn.
Pollock, Alexander M'Millan.
Ramsey, Robert.
Renton, John Walker.
Richmond, Thomas.
Robertson, William (Blackwood).
Robertson, William (Kilmarnock).
Rogers, Norman Cumming.
Ross, Elizabeth Ness M'Bean.
Scott, Mrs. Annie.
Smith, Robert Cassels.
Turner, John Wright.
Walker, James.
Wallace, George.
Ward, Daniel Francis.
Warwick, Hugh Fleming.
Wilson, David Ashley.

BURSARY EXAMINATION.

October, 1895.

The figure (2) denotes students of the second year.

The following are the first sixty-two names in the order of merit, viz. : -

1. Henry A. Inglis, Chapel of Garioch School, Aberdeenshire.
2. Joseph Walker, High School, Glasgow.
3. David M. Stewart, Hutchesons' Grammar School, Glasgow.
4. Alexander D. Lindsay, Glasgow Academy.
5. John Copeland (2), High School, Glasgow.
6. William A. Edward (2), Pupil Teachers' Institute, Glasgow.
7. John Anderson, Hamilton Academy.
8. Robert W. Stewart, High School, Glasgow.
9. Archibald Leitch, Rothesay Academy.
10. Daniel F. Riddell, High School, Glasgow.
11. Thomas M'Ewan, Paisley Grammar School.
12. James M'Clelland, Ayr Academy.
13. Alexander Sellar, Govanhill Public School and Strathbungo Public School, Glasgow.
14. Andrew J. C. Kerr (2), Pupil Teachers' Institute and F.C. Normal College, Glasgow.
15. John A. L. Swan, Kelvinside Academy, Glasgow.
16. Charles G. M'Ilravey, The Academy, Greenock.
17. Duncan M'Taggart, Neilson Institution, Paisley.
18. William H. Love, The Academy, Greenock.
19. Thomas R. Rodger, Lanark Grammar School.
20. Ritchie Girvan (2), Garnethill Public School, Glasgow.
21. Matthew Babington (2), Royal Academy, Irvine.
22. James Y. Wilson (2), Gartsherrie Academy, Coatbridge, and High School, Glasgow.
23. James C. Pairman, Hutchesons' Grammar School, Glasgow.
24. Thomas Pullar (2), Perth Academy.
25. Robert S. Hamilton, Hamilton Academy.
26. James Faulds (2), Garnethill Public School, Glasgow.
27. Thomas Paterson, High School, Glasgow.
28. George Arthur, Hutchesons' Grammar School, Glasgow.
29. David W. B. F. Campbell, High School, Glasgow.
30. John Young, Hutchesons' Grammar School, Glasgow.
31. John Fulton, High School, Glasgow.
32. John Ferguson (2), High School, Glasgow.
33. William L. Thompson, Hutchesons' Grammar School, Glasgow.
34. Jacob Mains, Hutchesons' Grammar School, Glasgow.
35. John Gillies, Spiers' School, Beith.
36. William G. Macalister, Glasgow Academy.
37. James M. Black, Rothesay Academy.
38. William Macnab, Rothesay Academy.
39. Edgar W. Sharp, Grammar School, Rushworth, Yorkshire.
40. William G. Walker, High School, Glasgow.
41. Archibald S. Wilson, Hutchesons' Grammar School, Glasgow.
42. Henry H. Adam (2), Neilson Institution, Paisley.
43. Hugh P. Wright, Hutchesons' Grammar School, Glasgow.
44. Thomas M. Smith, Dunoon Grammar School.
45. Thomas G. Wright, Kelvinside Academy, Glasgow.
46. George White, High School, Glasgow.
47. George Galbraith, High School, Falkirk.

48. William W. Gillan, High School, Glasgow.
49. Andrew M'Kerral, Southend Public School, Campbeltown.
50. John Brown, Public School, Newmilns, and Church of Scotland Training College, Glasgow.
51. William R. Merry, Dumfries Academy.
52. Mathew Geddes, St. Mary's Episcopal School and Oakbank Public School, Glasgow.
53. William Menzies, Public School, Camelon, Falkirk.
54. Daniel M'Leod, Mearns Street Public School, Greenock.
55. John Paton, Hutchesons' Grammar School, Glasgow.
56. Hector C. Cameron, Clifton College.
57. John Hanson, High School, Glasgow.
58. John Lambie, Hutchesons' Grammar School, Glasgow.
59. David K. Picken, Allan Glen's School, Glasgow.
60. Michael Gavin, Dundas School, Grangemouth.
61. John D. Johnston, High School, Glasgow.
62. William Walker, Burgh Academy, Dumbarton.

UNIVERSITY PRIZES.

I. FOR ESSAYS.

The GARTMORE GOLD MEDAL, for the Best Essay on "The Relations of a Member of Parliament to his Constituents and to his Party."

William G. Skinner, M.A., Glasgow.

A COULTER PRIZE OF FIVE POUNDS, for the Best Essay on "Individualism in Greek and Modern Philosophy."

John Scoular Thomson, Kingarth, Bute.

A COULTER PRIZE OF FIVE POUNDS, for the Best Latin Essay on the following subject:—"Nam cunctas nationes et urbes populus aut primores aut singuli regunt: delecta ex iis et consociata reipublicae forma laudari facilius quam evenire, vel si evenit, haud diuturna esse potest."—Tac. *Ann.* IV., 33.

Robert D. Bell, Greenock.

II. FOR EXAMINATION.

An ARNOTT PRIZE of £15, for Examination in General Physics, open to Students of the first and second years of their Medical Studies.

George F. Buchan, Cleland, Lanarkshire.

An ARNOTT PRIZE of £25, for Examination in Physiological Physics, open to Students of the third and fourth years of their Medical Studies.

Thomas Hunter, M.A., B.Sc., Kilmarnock.

The FINDLATER (DIVINITY) SCHOLARSHIP, value £38, for Examination in the subjects for the Degree of B.D.

Gavin L. Pagan, M.A., Bothwell.

The JAMIESON PRIZE, value £10, for Examination in the subjects for the Degree of B.D.

John M. Dickie, M.A., Kilmarnock.

The MACFARLAN AND COOK TESTIMONIAL PRIZE of £21, open to Theological Students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

John M. Dickie, M.A., Kilmarnock.

The THOMAS LOGAN MEMORIAL MEDAL AND PRIZE of £12, to the most distinguished Graduate in Arts of the year (1895).
William King Gillies, M.A., Gateside, Beith, with First-class Honours in (*a*) Classics, and (*b*) Mental Philosophy.

The BRUNTON MEMORIAL PRIZE of £10, to the most distinguished Graduate in Medicine of the year (1895).
Joshua Ferguson, M.A., M.B., C.M.

CLASS PRIZES.

Faculty of Theology.

DIVINITY.

PROFESSOR WILLIAM HASTIE, D.D.

SENIOR CLASS.

I. Students of the Third Year :—

For Excellence in Written Examinations.

1. Gavin L. Pagan, M.A., Bothwell (Cleland and Rae Wilson Gold Medal).
2. { John M. Dickie, M.A., Kilmarnock. / John H. H. M'Neill, M.A., Glasgow. } Equal.
3. Andrew M. Barr, Glasgow.

For Essay :—Andrew M. Barr and Gavin L. Pagan, M.A.

II. Students of the Second Year :—

For Excellence in Written Examinations.

1. David G. Webster, M.A., Helensburgh.
2. { William J. N. Service, M.A., Glasgow. / John L. Tulloch, M.A., Glasgow. } Equal.
3. Andrew Watt, M.A., Strathaven.

Dowanhill Prizes of £21 and £10 10s. for Elocution.

1. William D. Harvie, Glasgow.
2. Gavin L. Pagan, M.A.

JUNIOR CLASS.

III. Students of the First Year :—

1. Ephraim M. Henderson, Ayr.
2. Coll A. Macdonald, Iona.
3. { Archibald Hunter, M.A., Lamlash. / David Swan, Greenock. } Equal.

Proxime accesserunt—Arthur S. Middleton, M.A., Glasgow; Munro Somerville, M.A., Glasgow; John Twaddle, Hamilton.

For Essay—Ephraim M. Henderson.

DIVINITY AND BIBLICAL CRITICISM.

PROFESSOR WILLIAM STEWART, D.D.

I. Written Examinations :—

SENIOR DIVISION.

1. John M. Dickie, M.A., Kilmarnock (Cleland and Rae Wilson Gold Medal).
2. John H. H. M'Neill, M.A., Glasgow.
3. Gavin L. Pagan, M.A., Bothwell.

Proxime accesserunt—John G. Cranmer, M.A., Milngavie; Andrew S. G. Gilchrist, M.A., Lesmahagow; Andrew M. Barr, Glasgow.

JUNIOR DIVISION.

1. { William J. N. Service, M.A., Glasgow.
   { David G. Webster, M.A., Helensburgh.
2. John L. Tulloch, M.A., Glasgow.
3. Andrew Watt, M.A., Strathaven.

Proxime accessit—Alexander O. Taylor, M.A., Glasgow.

II. Essays :—

1. Andrew M. Barr.
2. Gavin L. Pagan, M.A.
3. John H. H. M'Neill, M.A.

Proxime accesserunt—David G. Webster, M.A.; Allan M. Nelson, Glasgow; George S. Yuille, M.A., Bothwell.

HEBREW AND SEMITIC LANGUAGES.

PROFESSOR JAMES ROBERTSON, D.D.

SENIOR HEBREW CLASS.

1. Andrew Boyd Scott, Glasgow (Cleland and Rae Wilson Gold Medal).
2. David G. Webster, M.A., Helensburgh.
3. Andrew Watt, M.A., Strathaven.
4. William J. S. Miller, Glasgow.

Next in Order of Merit—John Twaddle, Hamilton; James Eadie, M.A., Glasgow.

JUNIOR HEBREW CLASS.

1. Robert M. Dickson, Glasgow.
2. Donald J. Robertson, Broadford, Skye.
3. Robert Whiteford, Stewarton.
4. Archibald Hunter, M.A., Lamlash.
5. Munro Somerville, M.A., Glasgow.

Next in Order of Merit—Archibald Main, Glasgow; James Gillespie, Airdrie; Coll A. Macdonald, Iona; James Marr, Mauchline.

SPECIAL PRIZES.

1. For an Original Composition in Hebrew—Robert H. Coats, M.A., Paisley.
2. For an Examination on Subject of Lectures—Archibald Main; David Preston, Airdrie.

CHURCH HISTORY.

PROFESSOR ROBERT HERBERT STORY, D.D.

SENIOR CLASS.

1. John M. Dickie, M.A., Kilmarnock (Cleland and Rae Wilson Gold Medal).
2. Andrew M. Barr, Glasgow.
3. Gavin L. Pagan, M.A., Bothwell.
4. Hugh T. S. Morrison, M.A., Dalry. / John S. Morrison, Kirkintilloch. } Equal.
5. John G. Cranmer, M.A., Milngavie.

Proxime accesserunt—John H. H. M'Neill, M.A., Glasgow; John N. Macdonald, Motherwell.

JUNIOR CLASS.

1. John Scoular Thomson, Kingarth. / Archibald Hunter, M.A., Lamlash. } Equal.
2. Ephraim M. Henderson, Ayr.
3. David Swan, Greenock.
4. Coll A. Macdonald, Iona.

Proxime accesserunt—Arthur S. Middleton, Glasgow; Alexander M. Shand, M.A., Aberdeen; John R. MacGregor, Glasgow; Munro Somerville, M.A., Glasgow.

Faculty of Law.

SCOTS LAW.

PROFESSOR ALEXANDER MOODY STUART, LL.D.

I. For Eminence in the Class Examinations:—

1. *William Goudie Skinner, M.A. (Robert Ross Prize).
2. *William Connell Buchanan (Dean of Faculty's Prize).
3. *John Hunter.
4. *Alexander M'Cormick.
5. *Walter King.
6. *John MacLay.
7. Hugh Galloway.
8. James Macpherson. / James Wilson Neilson. } Equal.
10. Alexander M. MacRobert, M.A.
11. James C. Muirhead.
12. James Patrick.
13. John J. Todd.
14. John M. Crosthwaite.
15. Archibald H. Charteris, M.A.
16. Charles G. Elder.

The * denotes the Prizemen.

II. The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Special Examination in the Subjects of the Course were awarded to:—

1. James Macpherson.
2. Alexander M'Cormick.
3. Hugh Galloway.
4. James Wilson Neilson.
5. William Connell Buchanan. / Alexander Crawford. } Equal.

The following Students distinguished themselves in this Examination, viz.:—

7. Alexander M. MacRobert, M.A.
8. James C. Muirhead.
9. John Hunter.
10. John MacLay.

CONVEYANCING.

PROFESSOR JAMES MOIR.

Ordinary Class Examinations.

Prizemen:—

1. Thomas Dunlop Laird, Stewarton (Robert Ross Prize).
2. John Roy, Tillicoultry (Dean of Faculty's Prize).
3. Hugh Pattison Macmillan, M.A., Greenock.
4. John Hay, Mauchline.
5. John Hood Ross, Port-Glasgow.

Eminently Distinguished:—

6. John Aiton Todd, Glasgow.
7. John Wilson Hendry, Tillicoultry.
8. John Hunter Comrie, Dalry, Ayrshire.
9. Francis Beauchamp Graham, Greenock.
10. John Falconer, Whiteinch.
11. James Duncan Robertson, M.A., Glasgow.
12. Robert Bryce Walker, M.A., Glasgow.
13. John Wilson, Bannockburn.
14. James Hill Tennent, Glasgow.
15. Adam Aitken, Paisley.

Examination for Prizes given by the Faculty of Procurators in Glasgow:—

Prizemen:—

1. John Hood Ross.
2. Thomas Dunlop Laird.
3. Robert Bryce Walker, M.A. } Equal.
4. John Roy. }

Eminently Distinguished:—

5. James Hill Tennent.
6. James Duncan Robertson, M.A.
7. John Hay.
8. John Wilson Hendry.
9. Hugh Pattison Macmillan, M.A.
10. John Aiton Todd.

CIVIL (OR ROMAN) LAW.

LECTURER—JAMES M. IRVINE, M.A., B.Sc., LL.B.

1. *John Liddell, M.A.
2. *William M. R. Pringle.
3. *John L. Wark, M.A.
4. *William Lusk, M.A.
5. James Adam. / James Neilson Gray, M.A. / John Wilson.
8. Donald Currie, B.A.
9. John Shaughnessy.
10. Jeffrey D. Bauchop. / Robert F. Glen.
12. Malcolm MacLucas.
13. Alexander Cordiner, M.A. / Andrew R. Nimmo.

The * denotes the Prizemen.

PUBLIC INTERNATIONAL LAW.

LECTURER—WILLLIAM GALBRAITH MILLER, LL.B., ADVOCATE.

First Class Honours and Prizes for Eminence in Written Examinations.

1. Thomas R. Anderson, M.A., Glasgow.
2. Allan M. Smith, M.A., Glasgow.

Second Class Honours.

3. William Stewart, M.A., Beith.
4. James D. Cowan, Glasgow.

PHILOSOPHY OF LAW, GENERAL AND COMPARATIVE JURISPRUDENCE.

LECTURER—WILLIAM GALBRAITH MILLER, LL.B., ADVOCATE.

Summer, 1895.

First Class Honours and Prize.

Robert Scott Brown, M.A., Paisley.

Second Class Honours.

Thomas R. Anderson, Glasgow.

Winter, 1895-96.

Prize for Written Exercises.

Malcom Dunlop, M.A., Greenock.

CONSTITUTIONAL LAW AND HISTORY.

LECTURER—WILLIAM S. M'KECHNIE, LL.B.

1. Gavin Scott (1st Prize).
2. William M. Murray (2nd Prize).
3. David P. Fleming, M.A.
4. William M. R. Pringle.
5. Alexander Bain.

MERCANTILE LAW.

LECTURER—JAMES MACKENZIE.

1. Alexander Taylor, LL.B. (Prize).
2. Robert A. Workman.
3. Alexander C. Turner.
4. John G. Spens, LL.B.

Faculty of Medicine.

MEDALS AND CERTIFICATES OF MERIT.

FORENSIC MEDICINE.

Summer Session, 1895.

PROFESSOR P. A. SIMPSON, M.A. (Cantab.), M.D.

WILLIAM HUNTER MEDALS—{ Joshua Ferguson, M.A. / John S. M'Kendrick. } Equal.

FIRST-CLASS CERTIFICATES (in order of merit).

Joseph M'Gowan.
Hugh P. Macmillan, M.A.
Thomas Bell.
Joseph A. Clarke.
Malcom Dunlop, M.A.
Samuel Prior.
Walter S. Findlay, M.A.
Lewis MacLachlan.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Samuel Anderson, B.Sc.
Jeffrey D. Bauchop.
Hugh Borland.
John T. Bowie.
Hugh Calderwood, B.Sc.
Francis J. Charteris.
James D. Cochran.
Frederick B. Cormick.
James Gardner.
John Gillan, M.A.
John Harrison.
William M. Lindsay.
Archibald Mason.
Robert M'Naught.
James M'Queen, M.A.
Alexander B. Sloan.
Matthew Logan Taylor.
Herbert K. Wallace, B.Sc.
Malcolm Watson.

DISEASES OF WOMEN.

Summer Session, 1895.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—Joshua Ferguson, M.A.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

Robert B. Barr.
Joshua Ferguson, M.A.
Robert Howie.
Alexander Stevenson.
Alexander H. Stewart.
Henry A. Watson, M.A.
Archibald Young, B.Sc.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

Samuel D. Cowan, M.A.
John A. Graham.
William Lawson.
Donald Munro.
Duncan M'Donald.
Henry A. Pattullo.
Samuel Prior.
William Scobie, B.D.
Ernest A. Walker, M.A.
Herbert K. Wallace, B.Sc.
James Weir.

MIDWIFERY.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLISTS — { Peter L. L. Craig, M.A. / John S. M'Kendrick. } Equal.

FIRST-CLASS CERTIFICATES (alphabetically arranged

George A. Brown.
Hugh Calderwood, B.Sc.
George Coats.
Peter L. L. Craig, M.A.
Walter S. Findlay, M.A.
John S. M'Kendrick.
Norman Macnair, B.Sc.
James M'Queen, M.A.
Robert Scott.
Andrew C. Wilson, B.Sc.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

James Alston.
Samuel Anderson, B.Sc.
John L. Carstairs, M.A.
Robert Carswell, M.A.
Joseph M. Corbett.
George Hanson.
Lawrence W. Harrison.
William G. Liston.
William Martin, M.A., B.Sc.
David M'Kail.
Thomas D. Newbigging.
Joseph Sillars.
George B. Thomson.
Henry H. Thomson.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR MATTHEW CHARTERIS, M.D.

MEDALLIST—Alexander M. Lindsay.

FIRST-CLASS CERTIFICATES (in order of merit).

Robert Fullarton, M.A.
William Webster.
John J. Buchan.
George B. Thomson.
Alexander D. Thompson.
Arthur J. Ballantyne.
John Aitken.
Ernest F. L. de Jersey.

SECOND-CLASS CERTIFICATES (in order of merit).

Archibald Jubb.
Robert F. Ballantyne.
Alfred D. Macnair.
John R. Currie, M.A.
Robert A. H. Watson.
James A. Mitchell.
Kenneth M. Duncan.
William Duncan. } Equal.
Walter Colquhoun, M.A. } Equal.
John A. C. Macewen, B.Sc. } Equal.
Charles Cairnie, M.A.
John Crow.
William H. Steel, B.A.
Robert Douglas, M.A.

PRACTICAL PHARMACY.

Summer Session, 1895.

PROFESSOR MATTHEW CHARTERIS, M.D.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.
David S. Smith.

FIRST-CLASS CERTIFICATES (in order of merit).

David Littlejohn. } Equal.
William Duncan. } Equal.
John Henderson.
John A. C. Macewen, B.Sc. } Equal.
Angus C. M. Macrae. } Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

Robert Niven.
Frederick E. Stokes.
Robert Fullarton, M.A.
William M. Pearson.
John Aitken.
John Crow.
Alexander Garrow.
Robert Douglas, M.A.
Andrew A. Barclay.
Robert F. Ballantyne.
David Ap Simon.
Roderick R. Macnicol, M.A.

PRACTICE OF MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

MEDALLIST—James D. Cochran, Kingairloch, Argyllshire.

FIRST-CLASS CERTIFICATES (in order of merit).

William Martin, M.A., B.Sc., Glasgow. } Equal.
Alexander Scott, Airdrie. } Equal.
Norman Macnair, B.Sc., Glasgow.
Donald S. Sutherland, Kilmonivaig, Inverness-shire.

SECOND-CLASS CERTIFICATES (in alphabetical order).

John J. Buchan, Cleland, Lanarkshire.
Walter S. Findlay, M.A., Ayrshire.
Thomas M. Fletcher, Glasgow.
Alexander M. Lindsay, Lesmahagow.
William G. Liston, Glasgow.
James M'Queen, M.A., Edinburgh.
Samuel Prior, Cockermouth.
William Watson, Glasgow.

CLINICAL MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

Summer Session, 1895.

MEDAL—James D. Cochran.

FIRST-CLASS CERTIFICATES.

Hugh Calderwood, B.Sc. } Equal.
Hugh Stevenson. }

SECOND-CLASS CERTIFICATES (in alphabetical order).

Herbert K. Wallace, B.Sc. | James Eric Wilson.

Winter Session, 1895-96.

MEDALLIST—David Louis Cairns, Glasgow.

FIRST-CLASS CERTIFICATES (in order of merit).

Walter S. Findlay, M.A., Ayrshire.
James D. Cochran, Kingairloch, Argyllshire.
William G. Liston, Glasgow.

SPECIAL PRIZE FOR NOTES OF LECTURES AND CLINICAL DEMONSTRATIONS DURING THE WINTER SESSION, 1895-96.

David Louis Cairns.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Lawrence W. Harrison, Haslingden, Lancashire.
John S. M'Kendrick, Glasgow.
James M'Queen, M.A., Edinburgh.
James Rankin, B.Sc., Kilmarnock.

CLINICAL MEDICINE.

PROFESSOR THOMAS M'CALL ANDERSON, M.D.

Summer Session, 1895.

FIRST-CLASS CERTIFICATES (in order of merit).

SENIOR DIVISION.

1. Archibald Young, B.Sc.
2. Alexander H. Stewart.
3. Samuel Prior.
4. Thomas C. Garrett.
5. William Lawson.

JUNIOR DIVISION.

1. William G. Liston.
2. John J. Buchan.
3. Hugh Borland.

Winter Session, 1895-96.

SENIOR DIVISION.

MEDALLIST—John W. Munro.

FIRST-CLASS CERTIFICATE—Alexander S. Allan.

JUNIOR DIVISION.

MEDALLIST—Samuel M. Sloan.

FIRST-CLASS CERTIFICATES (in order of merit).

1. Francis J. Charteris.
2. John J. Buchan. } Equal.
Alexander Matheson. }

SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D., F.R.S.

SENIOR DIVISION.

MEDALLISTS— 1. George Coats. } Equal.
2. Herbert K. Wallace, B.Sc. }

FIRST-CLASS CERTIFICATES (in order of merit).

3. Samuel Prior.
4. James Weir. } Equal.
5. Hugh Borland. }

SPECIAL FIRST-CLASS CERTIFICATE (absent one examination).

John S. M'Kendrick.

COMMENDED (in order of merit).

6. George A. Brown.
7. John L. Carstairs, M.A.
8. Thomas M. Fletcher.
9. Matthew L. Taylor.

JUNIOR DIVISION.

MEDALLISTS— { 1. James Alston. } Equal.
{ 2. Hugh Calderwood, B.Sc. }

FIRST-CLASS CERTIFICATES (in order of merit).

3. William Martin, M.A., B.Sc.
4. Norman Macnair, B.Sc. } Equal.
5. Donald S. Sutherland. }
6. Francis J. Charteris. } Equal.
7. James M'Queen, M.A. }
8. James Rankin, B.Sc.
9. Thomas Hunter, M.A., B.Sc. } Equal.
10. James D. Cochran. }
11. William G. Liston.
12. Walter S. Findlay, M.A. } Equal.
13. Andrew C. Wilson, B.Sc. }

COMMENDED (in order of merit).

14. George Clark.
15. Joseph M. Corbett. } Equal.
16. William Watson.
17. Adrian A. Forrester. } Equal.
18. William M. Lindsay.
19. John W. Little. } Equal.
20. James S. Ormond. }
21. John J. Buchan.
22. William Duncan.

CLINICAL SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D., F.R.S.

SENIOR DIVISION.

MEDALLIST—Herbert K. Wallace, B.Sc.

FIRST-CLASS CERTIFICATES.

James Gardner. } Equal.
John Gordon. }

COMMENDED (in order of merit).

Samuel Anderson, B.Sc.
Peter L. L. Craig, M.A.
Daniel R. Thomas.
George A. Brown.
John T. Bowie.
Samuel Prior.
Alexander Scott. } Equal.
James Weir.
William B. Armstrong. } Equal.
James B. Cumming. }

JUNIOR DIVISION.

MEDALLIST—James Alston.

FIRST-CLASS CERTIFICATES.

William Martin, M.A., B.Sc.
Hugh Calderwood, B.Sc. } Equal.
George Coats.

COMMENDED (in order of merit).

Andrew C. Wilson, B.Sc.
William M. Lindsay.
William Watson.
Hugh Borland.
John L. Carstairs, M.A. } Equal.

CLINICAL SURGERY.

PROFESSOR GEORGE BUCHANAN, M.A., M.D., LL.D.

SENIOR DIVISION.

UNIVERSITY MEDAL—John Wotherspoon.

FIRST-CLASS CERTIFICATES.

James H. Rankin. | Donald S. Sutherland.

JUNIOR DIVISION.

UNIVERSITY MEDAL—Alexander L. Watson, M.A.

FIRST-CLASS CERTIFICATES.

Hugh C. Ferguson. | Ebenezer Mitchell, M.A.
John MacDonald. | William A. Riddell.
Robert A. H. Watson.

PHYSIOLOGY.

PROFESSOR JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.S.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

Alexander L. Watson, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Charles F. Maclean. | Anderson G. M'Kendrick.
James R. Chalmers. | Ebenezer Mitchell, M.A.
David M. Cowan.

SECOND-CLASS CERTIFICATES (in order of merit).

Alexander S. Wells, M.A. | James Scott, M.A.
John D. Young. | Alfred G. Stewart.
George Gardner. | Robert O. Whyte.
Alexander D. Thompson. | Hugh C. Ferguson.
John M'Gilchrist. | George Alexander.
Alexander Wilson. | Andrew Kerr.

PRACTICAL PHYSIOLOGY.

Summer, 1895.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

James S. Beveridge.

FIRST-CLASS CERTIFICATES (in order of merit).

James Barrowman. | Arthur J. Ballantyne.
Robert Fullarton, M.A. | Archibald Jubb.
William Webster. | John Aitken.

SECOND-CLASS CERTIFICATES (in order of merit).

Frederick E. Stokes. | Kenneth M. Duncan.
John J. Buchan. | James F. Findlay.
John W. Leitch, M.A. | John R. Currie, M.A.
William Duncan. | Robert F. Ballantyne.

ANATOMY.

PROFESSOR JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

SENIOR CLASS.

MEDALS—Archibald Jubb. } Equal.
Frederick E. Stokes. }

FIRST-CLASS CERTIFICATES (in order of merit).

Alexander D. Thompson.
George Gardner. } Equal.
Alexander Wilson. }
Robert F. Ballantyne.

SECOND-CLASS CERTIFICATES (in order of merit).

Peter D. Strachan, M.A.
Percival A. Mitchell.
John Brunton.
Robert A. H. Watson.
Anderson G. M'Kendrick. } Equal.
Ebenezer Mitchell, M.A. }

JUNIOR CLASS.

MEDAL—Alexander L. Watson, M.A.

FIRST-CLASS CERTIFICATE—Duncan M. Macrae, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

Alfred G. Stewart.
John T. Clark.
James Davidson, M.A.
John P. Duncan.

EMBRYOLOGY.

Summer, 1895.

PROFESSOR CLELAND, M.D., LL.D., D.Sc., F.R.S., AND JAMES F. GEMMILL, M.A., M.B., C.M.

PRIZE—William Webster.

CERTIFICATES (in order of merit).

Arthur J. Ballantyne.
William W. Keir. } Equal.
Alexander Matheson. }
John J. Buchan.
Robert F. Ballantyne.
James B. Miller.
Percival A. Mitchell.

NATURAL HISTORY.

PROFESSOR JOHN YOUNG, M.D.

ZOOLOGY.

WILLIAM HUNTER MEDAL—Alexander V. Lothian, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Alexander V. Lothian, M.A.
James Davidson, M.A.
John P. Duncan.

SECOND-CLASS CERTIFICATES (in order of merit).

George White.
Alexander Munro.
Robert Auld.
Charles C. Cuthbert.
John T. Clark. } Equal.
Robert Clark. }
Andrew Mair.
John D. Richmond. } Equal.
Albert E. Wainwright. }
Allan Martin, M.A.
John D. Brownlie. } Equal.
Peter Moir. }
Robert M. Marshall. } Equal.
David Shannon. }

PRACTICAL ZOOLOGY.

Summer, 1895.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

Hugh C. Ferguson.

SECOND-CLASS CERTIFICATE.

Allan Martin.

Winter, 1895-96.

WILLIAM HUNTER MEDAL—George White.

SECOND-CLASS CERTIFICATES (in order of merit).

Alexander Munro. | John P. Duncan.
Albert E. Wainwright.

GEOLOGY.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

Alexander V. Lothian, M.A.

SECOND CLASS CERTIFICATE.

Andrew Dunn.

BOTANY.

PROFESSOR F. O. BOWER, Sc.D., F.R.S.

MEDAL—Alexander L. Watson, M.A.

FIRST-CLASS CERTIFICATE.

Ebenezer Mitchell, M.A.

SECOND-CLASS CERTIFICATES.

Alexander Wilson. | George Gardner.
James Davidson. | Charles C. Cuthbert.
Alfred G. Stewart. | William A. Riddell.

PRACTICAL CLASS.

Summer, 1895.

MEDAL—Alexander L. Watson, M.A.

FIRST-CLASS CERTIFICATE.

James F. Bennett.

SECOND-CLASS CERTIFICATES.

Alexander Wilson. | Arthur Vost.
James Davidson.

Winter, 1895-96.

FIRST CLASS CERTIFICATES.

John S. Smith. | Charles C. Cuthbert.

SECOND-CLASS CERTIFICATES.

James M'Pherson. | James Millar.
Malcolm A. Sinclair.

HERBARIUM PRIZE—(No award).

PRACTICAL CHEMISTRY.

Summer, 1895.

PROFESSOR JOHN FERGUSON, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL—Hugh C. Ferguson.

FIRST-CLASS CERTIFICATES.

George Alexander. | Julien A. Félix.
Edward P. Cathcart. | Hugh C. Ferguson.

SECOND-CLASS CERTIFICATES.

Leonard Findlay. | William H. Kirk.
Matthew Hunter. | Peter Moir.
Thomas Inglis. | John M'Gilchrist.

CHEMISTRY.

PROFESSOR JOHN FERGUSON, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL—George F. Buchan.

FIRST-CLASS CERTIFICATES.

Robert Auld.
George F. Buchan.
David Kyle.
Andrew Smith.

SECOND-CLASS CERTIFICATES.

Robert M. Clark.
James S. Dunlop.
James D. Lickley.
William A. Lindsay.
Peter Lowe.
Peter Moir.
William B. J. Pollock.
James C. Ross.
William G. Strang.
James C. Turnbull.

PRACTICAL PATHOLOGY.

Summer, 1895.

PROFESSOR JOSEPH COATS, M.D.

JOHN HUNTER MEDAL—George Coats.

FIRST-CLASS CERTIFICATES (in order of merit).

James Alston. } Equal.
James Rankin, B.Sc. }
John A. C. Macewen, B.Sc.
James D. Cochran. } Equal.
Thomas B. Garvie. }
William M. Lindsay.

SPECIAL PRIZES FOR DRAWINGS OF CLASS SPECIMENS.

1. (Three Guineas)—George Coats.
2. (One Guinea)—William C. Burns.
3. Honourable Mention—William G. Liston.
4. Do. —Adrian A. Forrester.
5. Do. —Andrew C. Wilson, B.Sc.
6. Commended for Microphotographs—Matthew L. Taylor.

SECOND-CLASS CERTIFICATES.

James Carruthers, M.A. } Equal.
Donald S. Sutherland. }
Andrew C. Wilson, B.Sc. }
Walter S. Findlay, M.A.
Hugh Calderwood, B.Sc. } Equal.
John L. Simpson. }
William G. Liston. } Equal.
James M'Queen, M.A. }
Joseph Sillars. }
John Wotherspoon. }

PATHOLOGY.

PROFESSOR JOSEPH COATS, M.D.

MEDALLISTS.

Thomas Hunter, M.A., B.Sc.
William Webster.

FIRST-CLASS CERTIFICATES (in order of merit).

Donald S. Sutherland.
William G. Liston. } Equal.
John Wotherspoon. }
John Crow.
Alexander M. Lindsay. } Equal.
John A. C. Macewen, B.Sc. }
Norman E. H. Scott. }
Arthur J. Ballantyne. } Equal.
James M'Haffie. }
Francis J. Charteris. } Equal.
Joseph A. Clarke. }
James D. Cochran. }
Joseph M. Corbett. }
William Duncan. }
Alexander Matheson. }
Alexander B. Sloan. }
Samuel M. Sloan. }

SECOND-CLASS CERTIFICATES (in order of merit).

John W. Little.
Walter L. Thomson.
David L. Cairns.
Adrian A. Forrester. } Equal.
John MacDonald. }

James S. Beveridge.
Walter Colquhoun, M.A. } Equal.
Kenneth M. Duncan. }
Thomas B. Garvie.
John Aitken. } Equal.
Alfred D. Macnair. }

PHYSICS.

LECTURER—MAGNUS MACLEAN, M.A., D.Sc., F.R.S.E.

JOSEPH BLACK MEDAL—Alexander Munro.

FIRST-CLASS CERTIFICATES.

James C. Turnbull.
Andrew Mair.
Edgar W. Sharp.
William A. Riddell.
Patrick T. Cairns.
Charles C. Cuthbert. } Equal.
Albert E. Wainwright. }

Alexander Birch. } Equal.
John Lockhart. }
Malcolm Scott. } Equal.
George White. }

INSANITY.

Summer, 1895.

LECTURER—DAVID YELLOWLEES, M.D., LL.D.

1. MACKINTOSH BURSAR—John S. M'Kendrick.

CERTIFICATES OF MERIT.

2. Elizabeth D. Lyness, M.B. | 3. Mildred Ransome.
4. Anthony Vost.

DISEASES OF THE EAR.

LECTURER—THOMAS BARR, M.D.

Summer, 1895.

PRIZES.

1. Alexander MacLennan, M.B. | 2. James F. Fleming.

Winter, 1895-96.

PRIZES.

James Alston. | Henry Whitehouse.

DISEASES OF THROAT AND NOSE.

LECTURER—JAMES WALKER DOWNIE, M.B.

Summer, 1895.

PRIZE AND FIRST-CLASS CERTIFICATE.

Alexander MacLennan, M.B.

FIRST-CLASS CERTIFICATES.

Norman E. H. Scott. | James M. Robertson.

Winter, 1895-96.

FIRST-CLASS CERTIFICATES.

*Lewis MacLachlan, M.B. } Equal. | David J. S. Burt.
*James Smith, M.B. }

The * denotes the Prizemen.

Faculty of Science.

ENGINEERING.

PROFESSOR ARCHIBALD BARR, D.Sc., M.Inst.C.E.

THE GEORGE HARVEY PRIZE OF £20.

James Muir, Glasgow.

Next in Order of Merit.

Oliver Styles, Santiago, South America.

WALKER PRIZES.

1. Oliver Styles, Santiago, S. America. | 2. Alexander H. Harvey, Neilston.

CLASS IV.

1. James Muir, Glasgow. | 2. James Paton, Glasgow.

CLASS III.

1. John Duncan, Glasgow.
2. Archibald M. Macmillan, Glasgow.
   William G. Strang, Uddingston.
   Oliver Styles, Santiago, South America. } Equal.

CLASS I.

1. Archibald M. Macmillan, Glasgow. | 2. John Duncan, Glasgow.
3. Owen R. Williams, Cathcart.

SENIOR CLASS OF ENGINEERING DRAWING AND CALCULATIONS.

1. James Muir, Glasgow. | 2. Oliver Styles, Santiago, S. America.

JUNIOR CLASS OF ENGINEERING DRAWING AND CALCULATIONS.

David A. Brown, Glasgow.
Alexander M. M'Millan, Glasgow. } Equal.
Owen R. Williams, Cathcart.

Recommended for Muir Bursaries.

Hugh N. E. Fisher, Falmouth. | James W. French, Glasgow.

NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

PROFESSOR J. H. BILES.

SENIOR CLASS.

Charles C. Gearing, Southampton.

Henry G. Barbey, U.S.A., for Excellence in Drawing Class Work.

JUNIOR CLASS.

Holden A. Evans, U.S.A.

ASTRONOMY.

PROFESSOR LUDWIG BECKER, Ph.D.

PRIZE.

William A. Lindsay, M.A.

CERTIFICATE OF MERIT.

Cameron R. Gibson.

Faculty of Arts.

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.

CUNNINGHAM GOLD MEDAL—(competed for only by first year Students of this Class).
William Fulton.

SPECIAL PRIZE—Second year Students.
John Miller.

INTERMEDIATE HONOURS CLASS.

1. Joseph White.
2. James C. Ker.
3. Alexander A. Gardner.
4. James Moffat.

Mr. White also obtains the Muir Senior Bursary in Mathematics.

SECOND CLASS—Division *A*.

1. Robert J. T. Bell.
2. Horace F. Wallace.
3. Elizabeth W. Henderson.
   Duncan M'Taggart.

SECOND CLASS—Division *B*.

1. Henry A. Inglis.
2. Thomas Pullar.
3. William Scott.
4. Alexander Sellar.
5. James W. M'Cutcheon.
6. Charles S. Douglas.

PRIZE FOR WRITTEN EXAMINATIONS—Open to both Divisions of the Class.
Henry A. Inglis.

Mr. Inglis also obtains the Muir Junior Bursary in Mathematics.

FIRST CLASS.

1. Agnes M. N. Service.
2. Mina Hutton.

Summer, 1895.

LECTURER—GEORGE A. GIBSON, M.A.

PRIZES.

1. Robert J. T. Bell.
2. James P. Brander.

NATURAL PHILOSOPHY.

PROFESSOR LORD KELVIN, LL.D., D.C.L., F.R.S.

ORDINARY COURSE.

1. Duncan Cameron, Greenock.
2. Peter W. Monie, Irvine.
3. David H. Tweeddale, Pollokshields.
4. William G. Strang, Uddingston.
5. Colin M. Kesson, Whiteinch.
6. Alexander A. Gardner, Partick.
7. John Maclean, Sheerness.
8. Holden A. Evans, U.S.A.
9. John J. Ross, Glasgow.
10. William C. Dick, Glasgow.
    Henry Kesson, Whiteinch.

HIGHER COURSE.

1. CLELAND GOLD MEDAL—George D. Valentine, Girvan.
2. Peter Lowe, Glasgow.
   John Miller, Glasgow.
   Arthur W. Wilkie, Birkenhead.

LABORATORY.
George A. Clark, Wick.

ELECTRIC AND MAGNETIC MEASUREMENTS.

Summer, 1895.

LECTURER—MAGNUS MACLEAN, M.A., D.Sc., F.R.S.E.

FIRST-CLASS CERTIFICATES.

1. James Muir.
2. John Campbell.

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A., LL.D.

Prizes and First-Class Certificates of Merit for General Eminence in the Essays and Examinations of the Class.

[1]1. (Buchanan Prize) James Johnston.
2. John C. Smith.
3. { Robert P. R. Anderson.
   { John Brash.
5. Robert Howie.
6. { Alexander Fraser, Shettleston.
   { John W. Whyte.
8. { George Ogilvie.
   { Robert Wilson.

FIRST-CLASS CERTIFICATES OF MERIT (alphabetically arranged).

Adam Hamilton.
John W. Henderson.
Robert L. Turner.
David H. Tweeddale.
Horace F. Wallace.

HONOURS CLASS.

1. (Edward Caird Medal) Thomas Ellis Jones.
2. (Prize) Alexander Smith.

PRIZE FOR VACATION WORK.

John W. Henderson.

NEXT IN ORDER OF MERIT.

1. John Edgar.
2. John Brash.

POLITICAL ECONOMY.

LECTURER—WILLIAM SMART, M.A., LL.D., D.Phil.

1. John A. Todd.
2. Thomas F. Kinloch.
3. William Scott.

LOGIC AND METAPHYSICS.

PROFESSOR ROBERT ADAMSON, M.A., LL.D.

PRIZES.

1. (The Buchanan Prize) James E. Henderson, Glasgow.
2. John Girvan, Glasgow.
3. Archibald Main, Glasgow.
4. William Saull, Hackney, London.
5. Duncan Mackenzie, Renton.
6. William Scott, Lanark.
7. Walter Murray, Glasgow.
8. Robert M. Dickson, Glasgow.
9. Alexander Stephen, Killearn.

[1]William R. B. Gibson obtained the highest marks of the Students of the Moral Philosophy class, but, being a Graduate of another University, he did not compete for a Class Prize.

CERTIFICATES OF MERIT.

10. John Gray, Clydebank.
11. George Dock, Paisley.
12. James M'Pherson, Glasgow.
13. John Murphy, Lanark.
14. Percy Hepburn, Glasgow.
15. Hugh R. Buchanan, Glasgow.

HONOURS CLASS (in order of merit).

1. William R. B. Gibson, Liverpool.
2. Thomas E. Jones, Ruthin, Wales.
3. Alexander Smith, Glasgow.

ENGLISH LITERATURE.

PROFESSOR ANDREW C. BRADLEY, M.A.

I. ORDINARY CLASS.

1. (The Buchanan Prize) William W. Fulton, Beith.
2. George D. Valentine, Girvan.
3. Robert D. Bell, Greenock.
4. James P. Brander, Glasgow.
   James M'Pherson, Glasgow.
6. Thomas E. Jones, Ruthin, Wales.
7. George Ogilvie, Kilmarnock.
8. Percy Hepburn, Glasgow.
   John Murphy, Lanark.
10. William J. S. Miller, Glasgow.

Highly Commended:—

11. John N. Milne, Glasgow.
    William J. Saull, Hackney, London.
13. James C. Saunders, Bannockburn.
14. Alexander J. Martin, Bridge of Allan.

II. HONOURS CLASS.

1. John L. Morison, Greenock.
2. John Edgar, Glasgow.

Highly Commended:—

3. Janet Spens, Glasgow.

III. VACATION WORK.

Class of 1894-95—James E. Henderson, Glasgow.
Class of 1895-96—William W. Fulton, Beith.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

HONOURS CLASS.

1. John L. Morison.
2. Gavin Scott.

ORDINARY CLASS.

1. John Edgar.
   Robert Howie.
3. John Lochhead.
4. Alexander Fraser.
5. James D. Cowan.

Proxime accesserunt.

6. George D. Valentine.
7. William M. R. Pringle.
8. Grace F. Hay.
9. James P. Brander.

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. William A. Edward.
2. William H. S. Farquharson.
3. Andrew J. C. Kerr.
4. John Rafferty.
5. Peter Lowson.
6. James B. Wilson.
7. John Falconer.
8. Robert J. T. Bell.

FIRST-CLASS CERTIFICATES.

Robert B. Blair.
John Brown.
Alexander Haddow.
James A. Maclean.
William Phillips.
Henry G. Webber.

FRENCH.

LECTURER—ALFRED MERCIER, L.-ès-L.

FIRST-CLASS CERTIFICATE.

Robert W. M'Gill.

GREEK.

PROFESSOR GEORGE G. A. MURRAY, M.A.

I. Prizes for General Excellence in Work during the Session.

HONOURS CLASS, 12 NOON.

David L. Blair.
Peter W. Monie.
Robert M'Ewan.
Horace F. Wallace.

COMPOSITION PRIZE—Horace F. Wallace.

SENIOR CLASS, 8 A.M.

JEFFREY GOLD MEDAL—William Fulton, Uddingston.

ORDINARY PRIZES.

1. William H. Begg.
2. Helen Rutherfurd.
3. James Sheridan.
4. Mabel Atkinson.
5. Alexander D. Lindsay.
6. John Gillies.
7. William A. Edward.
8. Robert H. Martin.
9. Charles G. M'Ilravey.
10. James M'Clelland.
11. James C. Pairman.

COMPOSITION PRIZE—William Fulton, Uddingston.

MIDDLE CLASS, 10 A.M.

SCOTT-MACFARLAN GOLD MEDAL—Joseph Walker.

ORDINARY PRIZES.

1. William L. Thompson.
2. James M. Black.
3. Alexander Sellar.
4. Thomas M. Smith.
5. Thomas W. Donald.
6. William D. H. Stevenson.

COMPOSITION PRIZE—William L. Thompson.

JUNIOR CLASS, 12 NOON.

ORDINARY PRIZES.

1. John E. S. Otty.
   John Shearer.
3. Thomas B. Gillies.

II. Prizes for Vacation Work.

1. Greek Prose—1. Horace F. Wallace.
   2. James Baird.
2. Repetition of *Odyssey* X.—Alexander Auchinachie.
   William Fulton, Hurlford.
3. Examination in Sophocles, *Œdipus Tyrannus*—
   1. William Fulton, Uddingston.
   2. James Sheridan.
   3. John Harvey.
   4. Andrew Macfarlane.

BLACKSTONE EXAMINATION.

COWAN GOLD MEDAL—Robert D. Bell.

GREEK.

Summer, 1895.

LECTURER—RONALD M. BURROWS, M.A.

PRIZES.

1. Mabel Atkinson. | 2. Robert Tennent.

HUMANITY.

PROFESSOR GEORGE G. RAMSAY, M.A., LL.D., Litt.Doc.

I. Prizes for General Eminence during the Session, awarded according to the Result of Written Examinations.

JUNIOR CLASS, 8 A.M.

1. John F. Young, Perth (Sharp's Institution, Perth).
2. Thomas B. Gillies, Glasgow (privately educated).
3. John Shearer, Glasgow (Queen's Park School).

MIDDLE CLASS, 8 AND 11 A.M.

1. William L. Thompson, Broughty Ferry (Hutchesons' School, Glasgow).
2. Francis W. Milne, Glasgow (Macduff Public School).
3. Joseph Walker, Glasgow (Glasgow High School and Garnethill).
4. Thomas M. Smith, Dunoon (Dunoon Grammar School).
5. James M. Black, Rothesay (Rothesay Academy).
6. Duncan M'Taggart, Paisley (Neilson Institution).

SENIOR CLASS, 9 A.M.

1. Cowan Gold Medallist and First Prizeman—William Fulton, Uddingston (Glasgow High School).
2. James Sheridan, Paisley (Paisley Grammar School).
3. Charles G. M'Ilravey, Greenock (Greenock Academy).
4. { Alexander D. Lindsay, Glasgow (Glasgow Academy).
   { Isabella B. Blair, Kilwinning.
6. Andrew J. C. Kerr, Glasgow (Abbotsford Public School).
7. Jane B. Stewart, Glasgow.
8. James W. M'Cutcheon, Glasgow (Glasgow High School).

PRIVATE AND HONOURS CLASS, 1 P.M.

II. The Muirhead Prize for the best Examination on the Lectures and Prelections delivered during the Session. The books read were:—Persius; Horace, *Sat.* II.; Plautus, *Trinummus*; Virgil, *Æneid* X.

1. Peter W. Monie, Rothesay (Irvine Royal Academy).
2. Robert M'Ewan, Paisley (Paisley Grammar School).
3. David L. Blair, Kilwinning (Garnethill Public School).

III. For Latin Prose Composition.

SECTION I.

1. David H. Crawford, Ayr (Ayr Academy).
2. Horace F. Wallace, Hamilton (Glasgow High School).

Distinguished—Robert D. Bell, Greenock (Kilblain Academy).

SECTION II.

William Fulton, Uddingston (Glasgow High School). | Equal.
Charles G. M'Ilravey, Greenock (Greenock Academy). |

IV. Vacation Exercises.

a. For the best Examination in certain Prepared Books.

1. Open to the Senior Class of 1895-96.

William A. Edward, Portsmouth (Overnewton Public School, Glasgow).

2. Open to the Junior Class of 1894-95.

James Baird, Stevenston (Stevenston Public School).

b. For Latin Prose Composition.

1. Open to the Senior Class of 1894-95.

William Fulton, Hurlford (Campbellfield Public School, Glasgow).

2. Open to the Junior Class of 1895-96.

William Fulton, Uddingston (Glasgow High School).

Distinguished—James Sheridan, Paisley.

V. The Blackstone Gold Medal.

Peter W. Monie, Rothesay.

LATIN.

Summer, 1895.

Lecturer—John Brown, M.A.

PRIZES.

1. Helen Rutherfurd. | 2. Hugh Brown.

WOMEN'S DEPARTMENT.

LATIN.

Professor G. G. Ramsay, LL.D.; John Brown, M.A.; and Daniel Rankin, B.A.

SENIOR CLASS.

Isabella B. Blair. | Jane B. Stewart.

See under Men's Department.

Summer, 1895.

Helen Rutherfurd—See under Men's Department.

GREEK.

Professor G. G. A. Murray, M.A., and George Macdonald, M.A.

SENIOR.

Helen Rutherfurd. | Mabel Atkinson.

See under Men's Department.

Summer, 1895.

Mabel Atkinson—See under Men's Department.

ENGLISH LANGUAGE AND LITERATURE.

LECTURER—ADOLPHUS A. JACK, B.A.

PRIZES.

1. (Nichol Memorial Prize) Helen M. Rule.
2. Agnes M. Tannahill. | 3. Isobel Yuill.

PRIZE FOR VACATION READING, SUMMER, 1895.

Daisy F. M. Selkirk.

HONOURS CLASS—PROFESSOR BRADLEY, M.A.

Janet Spens—See under Men's Department.

FRENCH LANGUAGE AND LITERATURE.

LECTURER—ALFRED MERCIER, L.-ès-L.

FIRST-CLASS CERTIFICATES.

Jenny M'Ara. | Georgina H. Donaldson.
Mary A. Fotheringham. | Mary A. M'Arthur.
Louie C. Johnstone.

SECOND-CLASS CERTIFICATES.

Margaret H. Murray. | Martha E. Dunsmore.
Mary Barrowman. | Lilias M'Culloch.
Annie Dunlop.

GERMAN LANGUAGE AND LITERATURE.

LECTURER—ALEXANDER TILLE, M.A., Ph.D.

SECOND-CLASS CERTIFICATES.

Jessie L. Gilchrist. | Jane M. Allison.

LOGIC AND METAPHYSICS.

PROFESSOR ROBERT ADAMSON, LL.D., AND HENRY N. BRAILSFORD, M.A.

PRIZES.

1. Margret P. M'Phun. | 2. Isabella B. Blair. / Jane B. Stewart. } Equal.

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.; GEORGE A. GIBSON, M.A.; DAVID LAMONT, M.A.; AND HORATIO S. CARSLAW, M.A.

FIRST CLASS.

Agnes M. N. Service. / Mina Hutton. } See under Men's Department.

SECOND CLASS.

Elizabeth W. Henderson—See under Men's Department.

NATURAL PHILOSOPHY.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Daisy A. M. Clark. | Alice Rosalie Walker.
Janie H. M'Ilroy.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

Grace F. Hay—See under Men's Department.

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. Lizzie P. Finlay.
2. Elizabeth C. Esplin.
3. Margaret M'Laren.
4. Isabella B. M'Ilroy.
5. Agnes M. C. Whitecross.
6. { Ella M. Bardner. / Margaret F. Blair.

FIRST-CLASS CERTIFICATES.

Mary I. Campbell.
Margaret D. Cock.
Janet S. Dale.
Jane M'Clure.
Janet T. Reid.
Margaret C. Scouler.

CHEMISTRY.

LECTURER—THOMAS GRAY, B.Sc.

SYSTEMATIC.

FIRST-CLASS CERTIFICATES.

Jane M. F. Marshall.
Lizzie T. Fraser.
Ruth Pirret.

SECOND-CLASS CERTIFICATES.

Maud A. Richards.
Gertrude J. Campbell.
Mary F. Liston.
Christian C. Wood Smith.
Agnes B. Sinclair.

PRACTICAL.

FIRST-CLASS CERTIFICATES.

Lizzie T. Fraser.
Mary F. Liston.
Jane M. F. Marshall.
Christian C. W. Smith.

SECOND-CLASS CERTIFICATES.

Maud A. Richards.
Margaret M. Ritchie.

CHEMICAL LABORATORY.

FIRST-CLASS CERTIFICATES.

Alice Rosalie Walker.
Ruth Pirret.

PHYSICS.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Jane M. F. Marshall.
Gertrude J. Campbell.
Lizzie T. Fraser.

SECOND-CLASS CERTIFICATES.

Lila S. Greig.
Maud A. Richards.
Margaret M. Ritchie.
Agnes B. Sinclair.
Christian C. W. Smith.
Janet Britten.
Mabel Talbot.

ZOOLOGY.

PROFESSOR JOHN YOUNG, M.D., AND JAMES RANKIN, B.Sc.

FIRST-CLASS CERTIFICATE.

Alice R. Walker.

SECOND-CLASS CERTIFICATE.

Ina L. M'Neill.

BOTANY.

LECTURER—JOHN C. WILLIS, M.A.

SYSTEMATIC.

FIRST-CLASS CERTIFICATES.

Daisy A. M. Clark. | Alice R. Walker.
Ina L. M'Neill.

PRACTICAL.

FIRST-CLASS CERTIFICATE.

Daisy A. M. Clark.

SECOND-CLASS CERTIFICATES.

Ina L. M'Neill. | Alice Rosalie Walker.
Gertrude F. F. Taylor.

ANATOMY.

LECTURER—THOMAS H. BRYCE, M.A., M.B.

EMBRYOLOGY.

Summer, 1895.

FIRST-CLASS CERTIFICATE.

Margaret W. H. M'Neil.

SECOND-CLASS CERTIFICATES.

Eva M'Call. | Mary Longmire.
Marion J. Ross. | Jean Effie Prowse.
Jessie D. Granger. | Sarah Davidson.

Winter, 1895-96.

SENIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Marion J. Ross. | Mabel C. Poulter.

SECOND-CLASS CERTIFICATES.

Agnes F. Blackadder. | Mary Longmire.
Margaret W. H. M'Neil. | Sara Davidson.
Jean Grant. | Grace L. Young.

JUNIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Lila S. Greig. | Edythe M. Walker.
Mary F. Liston. | Maud Spencer.

SECOND-CLASS CERTIFICATES.

Christian C. W. Smith. | Lizzie T. Fraser.
Jane M. F. Marshall. | Mary L. M'Neill.

PHYSIOLOGY.

PROFESSOR JOHN G. M'KENDRICK, M.D., LL.D., F.R.S., AND WILLIAM SNODGRASS, M.A., M.B.

FIRST-CLASS CERTIFICATES.

Eva M'Call. | Grace L. Young.
Daisy A. Bennett.

SECOND-CLASS CERTIFICATES.

Sara Davidson. | Mabel Hardie.
Jessie D. Granger. | Ina L. M'Neill.
Gertrude F. F. Taylor. | Edythe M. Walker.

PRACTICAL PHYSIOLOGY.

Summer, 1895.

FIRST-CLASS CERTIFICATE.

Mabel C. Poulter.

SECOND-CLASS CERTIFICATES.

Margaret W. H. M'Neil. | Daisy A. Bennett.
Eva M'Call.

MATERIA MEDICA AND THERAPEUTICS.

LECTURER—CHARLES O. HAWTHORNE, M.B.

FIRST-CLASS CERTIFICATES.

Grace L. Young. | Agnes F. Blackadder.
Jessie D. Granger. | Marion J. Ross.

SECOND-CLASS CERTIFICATES.

Ina L. M'Neill. | Auguste Boyes.
Maud Spencer. | Mabel Hardie.
Margaret W. H. M'Neil.

PRACTICAL PHARMACY.

Summer, 1895.

FIRST-CLASS CERTIFICATES.

Grace L. Young. | Auguste Boyes.
Jessie D. Granger.

SECOND-CLASS CERTIFICATES.

Margaret W. H. M'Neil. } Equal. | Mabel C. Poulter.
Marion J. Ross. } | Sara Davidson. } Equal.
Sara Whiteford. | Jean Effie Prowse. }

PATHOLOGY.

LECTURER—CHARLES WORKMAN, M.D.

FIRST-CLASS CERTIFICATES.

Mabel C. Poulter. | Jessie H. Smith.

SECOND-CLASS CERTIFICATES.

Daisy A. M. Clark. | Margaret E. M'Neill.

PRACTICAL PATHOLOGY.

Summer, 1895.

JOHN LINDSAY STEVEN, M.D.

FIRST-CLASS CERTIFICATE.

Jessie H. Smith.

SECOND-CLASS CERTIFICATES.

Margaret E. M'Neill. | Agnes R. Robson.
Mary Gardner.

SURGERY.

LECTURER—JAMES H. PRINGLE, M.B.

FIRST-CLASS CERTIFICATES.

Marion J. Ross. | Margaret W. H. M'Neil.

SECOND-CLASS CERTIFICATES.

Jean Effie Prowse. | Sara Whiteford.

MEDICINE.

LECTURER—J. WALLACE ANDERSON, M.D.

FIRST-CLASS CERTIFICATE.

Madge S. Maclean.

SECOND-CLASS CERTIFICATE.

Lucy Buckley.

MIDWIFERY AND DISEASES OF WOMEN.

PROFESSOR MURDOCH CAMERON, M.D., AND H. ST. CLAIR GRAY, M.D.

FIRST-CLASS CERTIFICATES.

Madge S. Maclean. | Jessie H. Smith.

SECOND-CLASS CERTIFICATES.

Margaret E. M'Neill. | Janie Lorimer.
Mary P. Graham.

MEDICAL JURISPRUDENCE.

PROFESSOR P. A. SIMPSON, M.A. (Cantab.), M.D., AND T. KENNEDY DALZIEL, M.B.

FIRST-CLASS CERTIFICATE.

Madge S. Maclean.

SECOND-CLASS CERTIFICATES.

Agnes R. Robson. | Lucy Buckley.
Mary P. Graham.

INSANITY.

Elizabeth D. Lyness, M.B. | Mildred Ransom.
See under Men's Department.

OPHTHALMOLOGY.

LECTURER—A. MAITLAND RAMSAY, M.D.

FIRST-CLASS CERTIFICATES.

Madge S. Maclean. | Roberta H. M. Stewart.

SECOND-CLASS CERTIFICATES.

Mary P. Graham. | Jessie H. Smith.

CLINICAL PRIZE.

Madge S. Maclean. Roberta H. M. Stewart.

XII.—EXAMINATION QUESTIONS.

I. PRELIMINARY EXAMINATION IN ARTS AND SCIENCE.

ENGLISH.

Saturday, 28th September, 1895.

FIRST PAPER—9 TO 11 A.M.

(*Not more than* FIVE *questions are to be answered. Questions* 1, 2, *and* 3 *must be attempted by all.*)

1. Write an essay, from two to three pages long, on one of the following subjects:—

(*a*) Julius Caesar, as represented by Shakespeare, compared with the Julius Caesar of history.
(*b*) The Duke of Wellington.
(*c*) The respective advantages of a literary and a scientific education.

2. Paraphrase:—

'Tis certain, greatness, once fallen out with fortune,
Must fall out with men too: what the declin'd is,
He shall as soon read in the eyes of others
As feel in his own fall: for men, like butterflies,
Show not their mealy wings but to the summer;
And not a man, for being simply man,
Hath any honour; but honour for those honours
That are without him, as place, riches, and favour,
Prizes of accident as oft as merit:
Which, when they fall, as being slippery standers,
The love that lean'd on them as slippery too,
Do one pluck down another, and together
Die in the fall. But 'tis not so with me;
Fortune and I are friends; I do enjoy
At ample point all that I did possess
Save these men's looks; who do, methinks, find out
Something not worth in me such rich beholding
As they have often given.

3. Give a *general* analysis of the following passage, indicating clearly the connection between the clauses ; and parse the words italicised :—

> *For that* I have not washed
> My nose *that* bled, or foiled some debile wretch—
> Which without note *here's many else* have done—
> You *shout* me forth
> In acclamations hyperbolical ;
> As if I loved my *little should be dieted*
> In praises sauced with lies.

4. Derive *eight* of the following words : *furthermost, rage, whisky, myself, sarcophagus, beef-eater, bridal, harbour, style, boycott, fortnight, yacht.*

5. Give instances of the use as different parts of speech of the following words : *still, but, since, even, which, fare.*

Distinguish in meaning between *elicit* and *eliminate*, *invent* and *discover*, *common* and *mutual*.

6. Improve, where necessary, the following sentences, and give reasons for the changes that you make :—

(*a*) It is only after the Exile that we find angels and demons playing a more prominent part than before.

(*b*) I conceived a great regard for him, and could not but mourn for his loss.

(*c*) These are arguments which cannot be got over by all the cavils of infidelity.

(*d*) Many persons give evident proof that either they do not feel the power of the principles of religion, or that they do not believe them.

SECOND PAPER (Old Model)—12 noon to 2 p.m.

(*Not more than* eight *questions to be answered, and of these* two *from each section.*)

Section A.

1. Who were the Lake Poets? Give some account of the life and works of *one* of them.

2. Give some account of *one* of the following works :—*The Canterbury Tales, Comus, Gulliver's Travels, The Castle of Indolence, The Prisoner of Chillon, The Newcomes.*

3. Give the approximate dates and principal works of *three* of the following authors, and indicate briefly their importance in the history of literature :—Langland, Dunbar, Marlowe, Donne, Dryden, Richardson, Allan Ramsay, Thomson, Wordsworth.

4. Give some account of *three* of the following characters :—The Clerk of Oxenford, Bottom, Orlando, Imogen, Sir Roger de Coverley, Parson Adams, Tabitha Bramble, Sir Piercie Shafton, Amy Robsart, George Warrington, Maggie Tulliver.

SECTION B.

5. (*a*) Reproduce the substance of Mark Antony's speech over the body of Caesar. Does he make any valid reply to the charge that Caesar was aiming at a tyranny?

Or,

(*b*) Reproduce the substance of the dispute between Brutus and Cassius in the Fourth Act. What light does it throw on the characters of the two men?

6. (*a*) Sketch the character of George Heriot, and indicate the part he plays in the story.

Or,

(*b*) Narrate the incidents of Nigel's meeting with the King in the park at Greenwich. What light does the scene throw on the characters of James, Charles, and Buckingham?

SECTION C.

7. Give some account of the struggle for colonial supremacy between Great Britain and France in the eighteenth century.

8. Write notes expository of *six* of the following:—The Trial of Sacheverell, the South-Sea Bubble, the Reformation of the Calendar, the Relations between Great Britain and Frederick the Great during the Seven Years' War, the Family Compact, the Ministry of all the Talents, the Treaty of Versailles, Grattan's Parliament, the Armed Neutrality, the Berlin Decree, Catholic Emancipation, the Manchester Massacre.

9. Write, upon *six* of the following, notes illustrative of their historical importance:—Lord Bolingbroke, General Wolfe, Robert Clive, Edmund Burke, Lord North, Charles James Fox, John Wilkes, Sir James Macintosh, George Canning, William Wilberforce, Earl Grey.

10. Sketch the history of the struggle of Great Britain with France from the death of Louis XVI. till 1807.

SECTION D.

11. Distinguish clearly the various possessions in Africa south of the Equator held by European powers.

Give the chief towns and more important products of the various British dependencies and protectorates in South Africa.

12. Describe the basin of the Ganges *and* the basin of the St. Lawrence, noting in each case the chief towns and products.

13. Write explanatory notes upon *five* of the following:—Gulf Stream, Trade Winds, North-West Passage, Eclipses of the Moon, Autumnal Equinox, the Midnight Sun, the Desert of Gobi, Rising of the Nile.

14. Locate and write a brief note upon *ten* of the following:—Uganda, Barbadoes, Bucharest, Khiva, Plateau of the Pamirs, Gothenburg, Cincinnati, Rio Colorado, Bangkok, Auckland, Kurrachee, Lima, Trinidad, Yellowstone Park, Queenstown, Kiel.

SECOND PAPER (NEW MODEL)—12 NOON TO 2 P.M.

(*Not more than* EIGHT *questions are to be attempted. Of these,* THREE *must be taken from Section A,* THREE *from Section B, and* TWO *from Section C. Of the three from Section A, at least* ONE *must be a question on* JULIUS CAESAR, *and at least* ONE *a question on* THE FORTUNES OF NIGEL.)

SECTION A.

1. Give some account of *one* of the following works:—*The Canterbury Tales, Comus, Gulliver's Travels, The Task, The Prisoner of Chillon, Henry Esmond.*

2. Give some account of *three* of the following characters: Arcite, Prospero, Cordelia, Autolycus, Dr. Primrose, Will Wimble, Dominie Sampson, Rebecca, Mrs. Poyser, Mark Tapley.

3. "Brutus is an idealist." Illustrate this from the play.

4. Reproduce the substance of Mark Antony's speech over the body of Caesar. Does he make any valid reply to the charge that Caesar was aiming at tyranny?

5. Reproduce the substance of the dispute between Brutus and Cassius in the Fourth Act? What light does it throw upon the characters of the two men?

6. Sketch the character of George Heriot, and indicate the part he plays in the story.

7. Narrate the incidents of Nigel's meeting with the King at Greenwich Park. What light does the scene throw upon the characters of James, Charles, and Buckingham?

8. Sketch the character and fortunes of Martha Trapbois.

SECTION B.

9. Sketch the history of British power on the mainland of North America during the eighteenth century.

10. Trace the growth of British power in India during the reigns of the first three Georges.

11. Write notes expository of *six* of the following:—The Trial of Sacheverell, the South-Sea Bubble, the Reformation of the Calendar, the Relations between Great Britain and Frederick the Great during the Seven Years' War, the Declaration of Independence, the Berlin Decree, the Six Acts, the Impeachment of Warren Hastings, the Irish Rebellion of 1798, the Peace of Amiens, the Manchester Massacre.

12. Write, upon *six* of the following, notes illustrative of their historical importance: Lord Bolingbroke, General Wolfe, Robert Clive, Edmund Burke, Lord North, Charles James Fox, John Wilkes, Sir James Macintosh, George Canning, William Wilberforce, Earl Grey.

13. Give an account in their chronological succession of the various continental wars in which Great Britain took part, from the accession of George I. to the death of Pitt, Earl of Chatham.

14. Give some account of the political and social condition of Britain from Waterloo to the passing of the Reform Bill. What do you know of Burdett, Brougham, Huskisson, O'Connell?

Section C.

15. Distinguish clearly the various possessions, in Africa south of the Equator, held by European powers. Give the chief towns and more important products of the various British dependencies and protectorates in South Africa.

16. Describe the basin of the Ganges *and* the basin of the St. Lawrence, noting in each case the chief towns and products.

17. Write explanatory notes upon *five* of the following:—Gulf Stream, Trade Winds, North-West Passage, Eclipses of the Moon, Autumnal Equinox, the Midnight Sun, the Desert of Gobi, the Rising of the Nile.

18. Locate and write a brief note upon *ten* of the following:—Uganda, Barbadoes, Bucharest, Khiva, Plateau of the Pamirs, Gothenburg, Cincinnati, Rio Colorado, Bangkok, Kurrachee, Auckland, Lima, Trinidad, the Yellowstone Park, Queenstown, Kiel.

LOWER LATIN.

Monday, 30th September, 1895.—9 A.M. TO 12 NOON.

I. Translate into English:—

How Chabrias met his Death.

Oppugnabant Athenienses Chium. Erat in classe Chabrias privatus, sed omnes qui in magistratu erant auctoritate anteibat, eumque magis milites quam qui praeerant suspiciebant. Quae res ei maturavit mortem. Nam dum primus studet portum intrare, gubernatoremque iubet eo dirigere navem, ipse sibi perniciei fuit: cum enim eo penetrasset, ceterae non sunt secutae. Quo facto circumfusus hostium concursu cum fortissime pugnaret, navis rostro percussa coepit sidere. Hinc refugere cum posset, si se in mare deiecisset, quod suberat classis Atheniensium, quae exciperet natantes, perire maluit quam armis abiectis navem relinquere in qua fuerat vectus. Id ceteri facere noluerunt, qui nando in tutum pervenerunt. At ille, praestare honestam mortem existimans turpi vitae, comminus pugnans telis hostium interfectus est.

Account for the cases of *perniciei* and *mare* in the above.
Give the derivations of *suspiciebant*, *existimans*, *comminus*.

II. Translate into Latin:—

The Athenian fleet, consisting of 100 ships of war, and having on board 1500 picked Athenian soldiers, as well as auxiliaries, at length set sail, and proceeded to Corcyra, where it was joined by the other allies in the month of July, 415 B.C. Upon arriving at Rhegium, the generals received the discouraging news that the town of Egesta was unable to contribute more than thirty talents. Having met for counsel at this crisis, they finally resolved to gain as many allies as they could among the Greek cities in Sicily, and, after having in this way ascertained what assistance they could rely upon, to attack Syracuse as soon as possible.

III. Grammar.

1. Give the genitive (sing. and pl.) and the gender of *imber*, *nemus*, *domus*, *rete*, *eques*, *vis*, *canis*, *ōs*, *mos*, *dies*.

2. Compare *vetus*, *magnificus*, *dives*, *arduus*, *difficulter*.

Give the Latin for 30 each, 300 each, 13 times, 11th, 100th.

3. Conjugate *pando*, *tendo*, *colo*, *findo*, *emo*, *demo*, *tego*, *texo*, *fido*, *largior*, *metior*, *assentior*.

4. Distinguish between *hic*, *ille*, *is*, and *iste* : and between the use of *utrum* and *sive*. Explain these datives :—*tibi* uni parebo ; *Caesari* omnia erant agenda ; *odio* Hannibal erat *Romanis*.

IV. Sentences.

Translate into Latin :—

1. Which of you two said that Pompey would be mindful of us ?
2. On gaining possession of the camp, the Romans spared no one.
3. He asked me if I knew who that man was.
4. He bought that ground for a small sum.
5. The town is surrounded by a wall ten feet high.

HIGHER LATIN.

Tuesday, 1*st October*, 1895.

FIRST PAPER—9 to 11 a.m.

1. Translate into English :—

Quinctius sets free Corinth, Chalcis, and Demetrias.

Nondum conventus dimissus erat, quum respiciunt praesidium, ab Acrocorintho descendens, protinus ad portam duci atque abire. Quorum agmen imperator secutus, prosequentibus cunctis, servatorem liberatoremque acclamantibus, salutatis dimissisque iis, eadem, qua venerat, via Elatiam rediit. Inde cum omnibus copiis Ap. Claudium legatum dimittit. Per Thessaliam atque Epirum ducere Oricum iubet, atque ibi se opperiri : inde namque in animo esse exercitum in Italiam traiicere. Et L. Quinctio fratri, legato et praefecto classis scribit, ut onerarias ex omni Graeciae ora eodem contraheret. Ipse Chalcidem profectus, deductis non a Chalcide solum, sed etiam ab Oreo atque Eretria, praesidiis, conventum ibi Euboicarum civitatum habuit ; commonitosque, in quo statu rerum accepisset eos, et in quo relinqueret, dimisit. Demetriadem inde proficiscitur ; deductoque praesidio prosequentibus cunctis, sicut Corinthi et Chalcide, pergit ire in Thessaliam ; ubi non liberandae modo civitates erant, sed ex omni colluvione et confusione in aliquam tolerabilem formam redigendae. Nec enim temporum modo vitiis, ac violentia, et licentia regia turbati erant ; sed inquieto etiam ingenio gentis, nec comitia, nec conventum, nec concilium ullum, non per seditionem ac tumultum, iam inde a principio ad nostram usque aetatem traducentis.—Livy, xxxiv., 51.

2. Translate also :—

Aeneas is Wounded by an unknown Rutulian.

At pius Aeneas dextram tendebat inermem
Nudato capite, atque suos clamore vocabat :

"Quo ruitis? quaeve ista repens discordia surgit?
O cohibete iras! ictum iam foedus et omnes
Compositae leges; mihi ius concurrere soli:
Me sinite atque auferte metus: ego foedera faxo
Firma manu: Turnum debent haec iam mihi sacra."
Has inter voces, media inter talia verba,
Ecce viro stridens alis adlapsa sagitta est,
Incertum qua pulsa manu, quo turbine adacta,
Quis tantam Rutulis laudem, casusne deusne,
Attulerit: pressa est insignis gloria facti,
Nec sese Aeneae iactavit vulnere quisquam.

VIRGIL, *Aen.* xii., 311-323.

Scan the last two lines.

SECOND PAPER—12 NOON TO 2 P.M.

I. Translate into Latin prose:—

Philip, having raised the siege of Palé, called a council of war to consider in what direction he should next turn his victorious arms. The Messenians represented that in one day the forces might march from Cephallenia into their country, and at once overpower Lycurgus, who did not expect to be so suddenly attacked. Leontius enforced this advice very strongly. His secret reason was, that, since it would be impossible for Philip to return, as the winds would be directly contrary at the time, he would be forced to remain there, by which means the campaign would be brought to an end and nothing accomplished. The Acarnanians, on the contrary, urged him to march at once into Aetolia, declaring that the whole country might be laid waste without the least resistance, and that thus Dorimachus would be prevented from making an irruption into Macedonia. Aratus did not fail to declare in favour of the latter opinion; and the King, who from the time of the cowardly attack upon Palé had begun to suspect Leontius, acquiesced in the advice of Aratus.

II. (*a*) Show by means of short sentences what are the principal uses of the *ablative* in Latin.

(*b*) State, with illustrative examples, when the relative *qui, quae, quod,* must be followed by the subjunctive.

(*c*) Give the other degrees (or degree) of comparison of *nequior, habilior, plus, acerrimus, ocior, maledicentior, norissimus, hebetior, gracilior, crebrius, levius, peius.*

(*d*) Mark the quantity of the second syllable in *subtilis, radices, infelix, Thalia, pagina, irrito* (verb); and distinguish between *ĕs* and *ēs, vĕlis* and *vēlis, ŏvĭs* and *ōvīs, cănĭs* and *cānīs, lăbor* and *lābor.*

III. Translate, with brief notes where deemed necessary:—

1. Verba mihi dari facile patior.
2. Sub corona captivi venibant.
3. Ad unguem factus homo.
4. Adulescens patre suo imperatore meruit.

IV. Translate into Latin :—

(*a*) When will our army return home? Will it be on the 8th of October?

(*b*) You don't mean to say that Cicero was a bad citizen? I, at least, cannot believe such a statement.

(*c*) Whether the soldiers named by the general were Persians or Greeks, they certainly displayed extraordinary courage.

(*d*) Caesar was undoubtedly too ambitious, but he was at the same time too prudent openly to reveal his purposes.

LOWER GREEK.

Saturday, 28th September, 1895.—3 TO 6 P.M.

I. TRANSLATION—PREPARATIONS FOR THE BATTLE OF DELIUM.

Translate into English :—

Τοιαῦτα ὁ Παγώνδας τοῖς Βοιωτοῖς παραινέσας ἔπεισεν ἰέναι ἐπὶ τοὺς Ἀθηναίους, καὶ κατὰ τάχος ἀναστήσας ἦγε τὸν στρατόν· ἤδη γὰρ καὶ τῆς ἡμέρας ὀψὲ ἦν. ἐς χωρίον δὲ καθίσας ὅθεν, λόφου ὄντος μεταξύ, οὐκ ἐθεώρουν ἀλλήλους, ἔτασσέ τε καὶ παρεσκευάζετο ὡς ἐς μάχην. τῷ δὲ Ἱπποκράτει ὄντι περὶ τὸ Δήλιον ὡς αὐτῷ ἠγγέλθη ὅτι Βοιωτοὶ ἐπέρχονται, πέμπει ἐς τὸ στράτευμα κελεύων ἐς τάξιν καθίστασθαι, καὶ αὐτὸς οὐ πολλῷ ὕστερον ἐπῆλθε, καταλιπὼν ὡς τριακοσίους ἱππέας περὶ τὸ Δήλιον, ὅπως φύλακές τε ἅμα εἶεν εἴ τις ἐπίοι αὐτῷ, καὶ τοῖς Βοιωτοῖς καιρὸν φυλάξαντες ἐπιγένοιντο ἐν τῇ μάχῃ. Βοιωτοὶ δὲ πρὸς τούτους ἀντικατέστησαν τοὺς ἀμυνουμένους, καὶ ἐπειδὴ καλῶς αὐτοῖς εἶχεν, ὑπερεφάνησαν τοῦ λόφου, καὶ ἔθεντο τὰ ὅπλα τεταγμένοι ὥσπερ ἔμελλον, ὁπλῖται ἑπτακισχίλιοι μάλιστα καὶ ψιλοὶ ὑπὲρ μυρίους, ἱππῆς δὲ χίλιοι καὶ πελτασταὶ πεντακόσιοι.—THUC. iv. 93.

Parse, with chief parts :—

ἀναστήσας, ἠγγέλθη, ἐπίοι, ὑπερεφάνησαν, ἔθεντο.

II. GRAMMAR.

1. Give gender, gen. sing., and dat. and acc. plural of :—
   Ἑρμῆς, πλοῦς, γέρας, αἰδώς, θρίξ.
2. Compare μῶρος, γλυκύς, πολύς, χαριέντως, ἄνω.
3. Decline in the plural ἐγώ, σεαυτοῦ, οἵ, ὅδε, ὅστις.
4. Write out the 2nd and 3rd pers. sing. and 3rd pers. pl. of :—
   (1) The 1st aor. opt. act. of στέλλω.
   (2) The pres. opt. act. of φιλέω.
   (3) The 2nd aor. imper. act. of τίθημι.
   (4) The pluperfect indic. act. of οἶδα.
   (5) The pluperfect indic. pass. of τιτρώσκω.

5. Give the principal parts of :—
   ἀνδάνω, δάκνω, δοκέω, ἐλαύνω, εὑρίσκω, θάπτω, καλέω, κτάομαι, ὄμνυμι, πήγνυμι.
6. Form pres., fut., and perf. act. from these stems :—
   βλᾰβ-, μᾰν-, καν-, λαθ-, λαβ-.
7. Explain the phrases :—
   ἐπ' ἐμοῦ ἐγένετο : ἀνὰ πέντε τεταγμένοι ἦσαν : ὑπὸ νύκτα ἀφίκοντο.

   What cases are governed by *διά*, and with what meanings?

III. SENTENCES.

1. They used to envy each other.
2. If you had come yesterday (*χθές*) he would not have died.
3. Themistocles was very clever at cheating (*ἀπατᾶν*) the Spartans.
4. If any one asks you your name, tell him you have none.
5. Nothing shall prevent our coming.
6. Oh, that I were in Athens!

HIGHER GREEK.

Wednesday, 2nd October, 1895.

FIRST PAPER—9 TO 11 A.M.

1. Translate :—

IF ATHENS WERE AN ISLAND.

Ἑνὸς δὲ ἐνδεεῖς εἰσιν· εἰ γὰρ νῆσον οἰκοῦντες θαλαττοκράτορες ἦσαν Ἀθηναῖοι, ὑπῆρχεν ἂν αὐτοῖς ποιεῖν μὲν κακῶς, εἰ ἠβούλοντο, πάσχειν δὲ μηδέν, ἕως τῆς θαλάσσης ἦρχον, μηδὲ τμηθῆναι τὴν ἑαυτῶν γῆν, μηδὲ προσδέχεσθαι τοὺς πολεμίους. νῦν δὲ οἱ γεωργοῦντες καὶ οἱ πλούσιοι Ἀθηναίων ὑπέρχονται[1] τοὺς πολεμίους μᾶλλον. ὁ δὲ δῆμος, ἅτε εὖ εἰδὼς ὅτι οὐδὲν τῶν σφῶν ἐμπρήσουσιν οὐδὲ τεμοῦσιν, ἀδεῶς ζῇ καὶ οὐχ ὑπερχόμενος αὐτούς. Πρὸς δὲ τούτοις, καὶ ἑτέρου δέους ἀπηλλαγμένοι ἂν ἦσαν, εἰ νῆσον ᾤκουν, μηδέποτε προδοθῆναι τὴν πόλιν ὑπ' ὀλίγων, μηδὲ πύλας ἀνοιχθῆναι, μηδὲ πολεμίους ἐπεισπεσεῖν· (πῶς γὰρ, νῆσον οἰκούντων, ταῦτ' ἂν ἐγίγνετο;) μηδ' αὖ στασιάσαι τῷ δήμῳ μηδέν, εἰ νῆσον ᾤκουν. νῦν μὲν γὰρ, εἰ στασιάσαιεν, ἐλπίδα ἂν ἔχοντες ἐν τοῖς πολεμίοις στασιάσειαν, ὡς κατὰ γῆν ἐπαξόμενοι. εἰ δὲ νῆσον ᾤκουν, καὶ ταῦτα ἂν ἀδεῶς αὐτοῖς εἶχεν. Ἐπειδὴ οὖν ἐξ ἀρχῆς οὐκ ἔτυχον οἰκήσαντες νῆσον, νῦν τάδε ποιοῦσι. τὴν μὲν οὐσίαν ταῖς νήσοις παρατίθενται,[2] πιστεύοντες τῇ ἀρχῇ τῇ κατὰ θάλατταν, τὴν δὲ Ἀττικὴν γῆν περιορῶσι τεμνομένην, γιγνώσκοντες ὅτι, εἰ αὐτὴν ἐλεήσουσιν, ἑτέρων ἀγαθῶν μειζόνων στερήσονται.

[1] *ὑπέρχεσθαι*, 'to cringe to.' [2] *παρατίθεσθαι*, 'to deposit.'

2. Translate *one* of the following passages:—

(*a*) THETIS COMFORTS PELEUS.

σὲ δ', ὡς ἂν εἰδῇς τῆς ἐμῆς εὐνῆς χάριν,
κακῶν ἀπαλλάξασα τῶν βροτησίων,
ἀθάνατον ἄφθιτόν τε ποιήσω θεόν.
κἄπειτα Νηρέως ἐν δόμοις ἐμοῦ μέτα
τὸ λοιπὸν ἤδη θεὸς συνοικήσεις θεῷ.
ἔνθεν κομίζων ξηρὸν ἐκ πόντου πόδα
τὸν φίλτατον σοὶ παῖδ' ἐμοί τ' Ἀχιλλέα
ὄψει δόμους ναίοντα νησιωτικοὺς
Λευκὴν κατ' ἀκτὴν ἐντὸς Εὐξείνου πόρου.
ἀλλ' ἔρπε Δελφῶν ἐς θεόδμητον πόλιν,
νεκρὸν κομίζων τόνδε, καὶ κρύψας χθονί,
ἐλθὼν παλαιᾶς χοιράδος κοῖλον μυχὸν
Σηπιάδος ἴζου· μίμνε δ', ἐς τ' ἂν ἐξ ἁλὸς
λαβοῦσα πεντήκοντα Νηρήδων χορὸν
ἔλθω κομιστήν σου· τὸ γὰρ πεπρωμένον
δεῖ σ' ἐκκομίζειν· Ζηνὶ γὰρ δοκεῖ τάδε.
παῦσαι δὲ λύπης τῶν τεθνηκότων ὕπερ.
πᾶσιν γὰρ ἀνθρώποισιν ἥδε πρὸς θεῶν
ψῆφος κέκρανται, κατθανεῖν ὀφείλεται.

EURIP., *Andromache*, 1253-72.

(*b*) END OF THE FIGHT BETWEEN HECTOR AND AJAX.

Τὸν δ' αὖτε προσέειπε μέγας κορυθαίολος Ἕκτωρ·
"Αἶαν, ἐπεί τοι δῶκε θεὸς μέγεθός τε βίην τε
καὶ πινυτήν, περὶ δ' ἔγχει Ἀχαιῶν φέρτατός ἐσσι,
νῦν μὲν παυσώμεσθα μάχης καὶ δηϊοτῆτος
σήμερον. ὕστερον αὖτε μαχησόμεθ' ἐς ὅ κε δαίμων
ἄμμε διακρίνῃ, δώῃ δ' ἑτέροισί γε νίκην.
νὺξ δ' ἤδη τελέθει· ἀγαθὸν καὶ νυκτὶ πιθέσθαι,
ὡς σύ τ' ἐϋφρήνῃς πάντας παρὰ νηυσὶν Ἀχαιούς,
σούς τε μάλιστα ἕτας καὶ ἑταίρους οἵ τοι ἔασιν·
αὐτὰρ ἐγὼ κατὰ ἄστυ μέγα Πριάμοιο ἄνακτος
Τρῶας ἐϋφρανέω καὶ Τρωάδας ἑλκεσιπέπλους,
αἵ τε μοι εὐχόμεναι θεῖον δύσονται ἀγῶνα.
δῶρα δ' ἄγ' ἀλλήλοισι περικλυτὰ δώομεν ἄμφω,
ὄφρα τις ὧδ' εἴπῃσιν Ἀχαιῶν τε Τρώων τε·
"ἦμὲν ἐμαρνάσθην ἔριδος περὶ θυμοβόροιο,
ἠδ' αὖτ' ἐν φιλότητι διέτμαγεν ἀρθμήσαντε." [1]

Il. vii. 287-302.

[1] ἀρθμεῖν, 'to be united.'

SECOND PAPER—12 NOON TO 2 P.M.

I. SENTENCES.

1. They ought to have been here already, but if they come within a month I shall be satisfied.

2. In the presence of the whole family, he forbade his son ever to enter the house again; he had incurred, he said, the charge of cowardice.

3. I wish I had been there, that I might have shared with you the glory of that deed, even if I had chanced to fall along with you.

4. I shall certainly not advise him to punish such a man as you for so small a fault.

5. He refuses to acquit (ἀπαλλάττειν) them of their oath till they pay him ten talents apiece by way of ransom.

6. I know not of what you accuse me; but, whatever it is, I know that I am innocent.

II. GRAMMAR.

1. Give genitive and accusative, singular and plural, of

πρᾶος, οὖς, γραῦς, ὑγιής, ἑστώς.

2. Parse, and give the chief parts in use of

ἀποδράς, ἑάλως, ἔδεται, μέμνησο, ταθείς.

3. Explain and exemplify the force of the suffixes -τρις, -τρον, -σννη, -ιδης, -ισκος. Make words from the stem ποιε- to denote (1) made; (2) maker; (3) thing made; (4) act of making; (5) apt to make.

4. Enumerate and illustrate the chief modes of forming the present stem of verbs from the simple stem.

5. Translate:—God forbid; no, by Zeus; on my account; by my means; in my power.

6. Translate, and explain the grammar of:—

πέμπτην ἤδη ἡμέραν ἄπεστι: αὐτοῖς ἵπποις ἴωμεν: οὐ μὴ τοῦτο γένηται: ἀποθανεῖ μὴ φαγών: ὡς ἐμοῦ ἰόντος, τὴν γνώμην ἔχετε: ἀνέστησαν αὐτοὺς ἐφ' ᾧ μηδὲν κακὸν ποιήσοιντιν.

What is the force of the optative in:—

ἡδέως ἄν ἔγωγ' ἐροίμην: κήρυκας ἔπεμψαν εἰ πίθοιεν Πηλείδην: μηκέτι ζῷην: οὓς τινας ἴδοι, τίνες εἶεν ἠρώτα?

LOWER MATHEMATICS.

Monday, 30th September, 1895.—2 TO 5 P.M.

1. Define a fraction, and prove from your definition that $\frac{3}{4}$ of $\frac{2}{7} = \frac{3}{14}$.

Add together $\frac{2{\cdot}5}{1200}$ of a sovereign, $\frac{{\cdot}011}{{\cdot}48}$ of a half-sovereign, ·9375 of a shilling, and $\frac{4{\cdot}5 + \frac{1}{2} \text{ of } 3{\cdot}5}{4{\cdot}5 - \frac{1}{2} \text{ of } 3{\cdot}5}$ of a penny; and express the sum as a decimal fraction of a guinea.

2. A and B enter into partnership in a commercial venture, A investing therein £5000, and B £3000. They agree that at the end of each year they shall draw from the profits 4 per cent. on the amounts they have respectively invested, as interest on capital, that B shall receive in addition 20 per cent. of the total profits for acting as manager, and that the remainder of the profits shall then be divided equally between them. If in a certain year A received in all £750, what did B receive?

3. A field is in the form of a rectangle whose length is double its breadth, and its area is $5\frac{1}{2}\frac{5}{1}$ acres. Find the cost of enclosing the field with a fence which costs 9d. per lineal yard.

4. Resolve $625x^4 - 4y^2(25x - 12y)^2$ into four factors.

Find the remainders on dividing the expressions $x^2 + (l+1)x + (m+2)$ and $x^2 + (l+12)x - 2m$ respectively by $x - 1$. Deduce the numerical values of l and m for which these expressions are both divisible by $x - 1$.

5. Reduce to their simplest forms :—

(i.) $$\frac{2x-y}{x(3x-y)} - \frac{3x-4y}{2x(5x-4y)} + \frac{2x-3y}{(3x-y)(5x-4y)}.$$

(ii.) $$\frac{\left(\frac{a^2}{c^2} - \frac{c^2}{a^2}\right)\left(\frac{a}{c} + \frac{c}{a} - 1\right)}{a^2c^2\left(\frac{1}{c^3} + \frac{1}{a^3}\right)\left(\frac{1}{c} - \frac{1}{a}\right)}.$$

6. Distinguish between an equation and an identity, and give examples.

Define a root of an equation, and prove that an equation of the first degree in x has one, and only one, root.

Solve the equation :—

$$\frac{x+a}{2a+b} + \frac{x+b}{a+2b} = 2.$$

7. Solve :—

(i.) $$\frac{x}{a^2} + \frac{y}{b^2} = \frac{2(x+y)}{a^2+b^2} = 2(a+b).$$

(ii.) $$\frac{3x-2}{2x-3} + \frac{3-2x}{2-3x} = \frac{10}{3}.$$

8. If the cost of 7 lbs. of coffee be equal to that of 5 lbs. of tea, and if 6 lbs. more of coffee than of tea can be bought for £1 15s., what is the price per lb. of the tea?

9. If in the triangles ABC and DEF the angles B, C be equal respectively to the angles E, F, and the side AB be equal to the side DE, prove that the triangles are equal in every respect.

The bisector of the angle A in a triangle ABC meets BC in D. Show that if AB be greater than AC, then BD is greater than CD.

10. Prove that the square on the hypotenuse of a right-angled triangle is equal to the sum of the squares on the sides containing the right angle.

Show that in a right-angled triangle twice the sum of the squares on the three medians (the straight lines drawn from the vertices to the middle points of the opposite sides) is equal to three times the square on the hypotenuse.

11. To construct a square equal in area to a given rectangle.

Divide a given straight line into two segments, such that the sum of their squares shall be equal to a given area.

12. If a chord AB of a circle be produced to any point C, prove that the rectangle CA, CB is equal to the square on the tangent drawn from C to the circle.

Q is a fixed point in the plane of a circle, A is any point on the circumference of the circle, and AP is the tangent to the circle at the point A. Show that the circle passing through Q and A, and having its centre on the line AP, passes through another point which is fixed whatever be the position of A.

Or, as an alternative to the latter part of the question :—

PQR and $XQYZ$ are respectively a diameter and a chord of a circle at right angles to each other. PYS and RS are other chords of the circle. Prove that the rectangle $PR \cdot PQ$ is equal to the rectangle $PS \cdot PY$.

INTERMEDIATE AND HIGHER MATHEMATICS.

Thursday, 3rd October, 1895.

FIRST PAPER—9 TO 11 A.M.

(*The pass mark for Intermediate candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus for the Intermediate standard: but such candidates will receive credit for any question they may answer.*)

1. Prove that, if two circles touch either externally or internally, the line joining their centres passes through the point of contact.

The circle A touches the circle B at the point O (A being internal to B). A tangent to A at any point P, meets B in R and S; if OP produced meet B in T, and OS meet A in Q, show that TS is parallel to PQ, and that T is the middle point of SR.

2. Prove that the areas of similar triangles are in the duplicate ratio of their homologous sides.

PQR is a triangle, the angle P being greater than the angle Q. A point S is taken in QR, so that the angle RPS is equal to Q. Prove that $RQ : RS$ is in the duplicate ratio of $RP : RS$.

3. Show that if a straight line be perpendicular to any two non-parallel straight lines in a given plane, it is perpendicular to every straight line in the plane.

AB, BC, CD, DA, are four straight lines forming a quadrilateral which is not in one plane. If $AB = CD$, and $BC = AD$, show that K, the middle point of BD, is equidistant from A and C, and that KL is perpendicular to AC (L being the middle point of AC).

4. A grocer buys coffee at 1s. 3d. per lb. ; mixes it with 12 per cent. by weight of chicory which costs 6d. per lb. ; and sells the mixture at 1s. 8d. per lb. How much per cent. of profit does he gain?

5. Express as a single fraction at its lowest terms :—

$$\frac{x^2+(p-q-1)x-p+q}{x^2+(-p+q-1)x+p-q} - \frac{x^2+(p+q+1)x+p+q}{x^2+(-p-q+1)x-p-q}.$$

Simplify $6-4\sqrt{3}+\sqrt{(16-8\sqrt{3})}$; and prove that if $x^2 = x+1$, then $x^5 = 2x+1$.

6. Solve the following equations :—

(i.) $\dfrac{x+y}{a-b}+\dfrac{x-y}{a+b}=\dfrac{x-y}{a-b}+\dfrac{x+y}{a+b}=1.$

(ii.) $(b-c)(x+a)^3+(c-a)(x+b)^3+(a-b)(x+c)^3=0.$

(*Additional marks will be given for the reduction of the value of* x in (ii.) *to its simplest form.*)

Or, as an alternative to (ii.) :—

Solve $\dfrac{3x-4}{x+1}=x^2+2x-\dfrac{7}{x+1}$, and explain why -1 is not a root.

7. A settler bought from the Canadian Pacific Railway a rectangular tract of forest land, three miles long by two miles broad. After the purchase was completed, it was agreed, in order to preserve the amenity of the district, that the settler should reserve from cultivation a strip of uniform breadth all round his property, the Railway Company undertaking to run a fence between this strip and the cultivated land, on the understanding that the value of the land reserved was to be equal to the cost of the fence. Find the breadth of the reserved strip, supposing the cost of a lineal yard of fence to be one hundred times the value of a square yard of land.

8. Define $\sin\theta$ and $\tan\theta$ and express each in terms of the other.

If $5\tan\theta = 4$, find the value of $\dfrac{5\sin\theta-3\cos\theta}{\sin\theta+2\cos\theta}$.

Show that $\dfrac{\sqrt{(1+\sin\theta)}+\sqrt{(1-\sin\theta)}}{\sqrt{(1+\sin\theta)}-\sqrt{(1-\sin\theta)}} = \operatorname{cosec}\theta+\cot\theta = \dfrac{1}{\operatorname{cosec}\theta-\cot\theta}$.

9. ABC is a right-angled triangle, C being the right angle, A the least angle, and $c = AB$; D is the mid-point of AB, and E is the foot of the perpendicular from C upon AB. Show that the area of the triangle CDE is $\dfrac{c^2}{16}\sin 4A$.

The hypotenuse of a right-angled triangle is 2·1469, and the least angle of the triangle is 32° 14′ 30″. Calculate the length of the perpendicular from the right angle on the hypotenuse ; given

log 2·1469 = ·3318118 ;
log 9·6874 = ·9862072 ; diff. 45 ;
log sin 32° 14′ = $\bar{1}$·7270273 ; diff. 2003 ;
log cos 32° 14′ = $\bar{1}$·9273103 ; diff. 797.

SECOND PAPER—12 NOON TO 1.30 P.M.

(*The pass mark for Intermediate candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus for the Intermediate standard: but such candidates will receive credit for any question they may answer.*)

1. AB is a straight line bisected at C. D is any other point. State the relation that exists between the distances of D from A and B, and the distances of C from A and D. Prove that this relation holds true when D is outside the line AB.

If CD be a chord of a circle, P any point in the diameter parallel to CD, Q the middle point of the arc CD, prove that $PC^2 + PD^2 = 2PQ^2$.

2. If by a regular polygon, closed or unclosed, be understood a series of equal straight lines each making the same angle with the preceding in the same sense, show that every regular polygon, closed or unclosed, may be inscribed in a certain circle.

A, B, C, D, E are consecutive vertices of a regular octagon, and DM is perpendicular to AE, show that triangles ADM, DEM are similar and $AM : ME = 1 + \frac{1}{\sqrt{2}} : 1 - \frac{1}{\sqrt{2}}$.

3. Find values for c and d so that $x^4 + 12x^3 + 8x^2 + cx + d$ may be the square of an expression of the form $x^2 + px + q$.

Find the G.C.M. of $3x^4 + 5x^3 + 6x^2 + 3x + 1$, and $2x^4 - x^3 - 2x + 1$.

4. When are a, b, c, d said to be *proportional*, and when are they said to be in *continued proportion?*

If a, b, c, d are in continued proportion, calculate b and c in terms of a and d.

If a, b, c, d be in continued proportion, show that

$$(a+d)(b+c) - (a+b)(c+d) = \frac{b(a^2 - b^2)^2}{a^3}.$$

5. Solve the equation :—

$$\frac{a+1}{(x-1)(x-2)} + \frac{a-1}{(x+1)(x+2)} + \frac{2a+1}{(x-1)(x+2)} + \frac{2a-1}{(x+1)(x-2)} = 0.$$

Find all the roots of $x^2 + y^2 - 2xy = 4$, $xy^2 - x^2y = 30$.

6. Assuming the formula for expressing $\sin(A+B)$ and $\cos(A+B)$ in terms of $\sin A$, $\cos A$, $\sin B$, $\cos B$, express $\cos 2A$ and $\tan 2A$ in terms of $\tan A$.

Show that $\frac{\cos 2A - \cos 4A + \cos 6A}{\sin 2A - \sin 4A + \sin 6A} = \cot 4A$.

7. Show that in any triangle $\cos A = \frac{b^2 + c^2 - a^2}{2bc}$.

$ABCDE$ is the gable of a house, the form of which is a rectangle $ABDE$, surmounted by an equilateral triangle BCD. P is a point in EA produced. If $AP = a$, and the angles BPA and CPA be α and β respectively, show that

$$AE = 2a \frac{\tan\beta - \tan\alpha}{\sqrt{3} - \tan\beta}.$$

FRENCH.

Tuesday, 1st October, 1895.

FIRST PAPER—3 to 4.30 P.M.

Translate into French :—

(*a*) In America we know Roscoe only as the author—in Liverpool he is spoken of as the banker; and I was told of his having been unfortunate in business. I could not pity him as I heard some rich men do. I considered him far above the reach of my pity. Those who live only for the world, and in the world, may be cast down by the frowns of adversity: but a man like Roscoe is not to be overcome by the mutations of fortune. They do but drive him in upon the resources of his own mind, to the superior society of his own thoughts, which the best of men are apt sometimes to neglect, and to roam abroad in search of less worthy associates. The solitude of such a mind is its state of highest enjoyment. It is then visited by those elevated meditations which are the proper aliment of noble souls, and are like manna sent from heaven in the wilderness of this world.

(*b*) He was ordered to take plenty of exercise. He has been a soldier almost all his life. Do you think his work can be relied upon? He had ordered everybody to be ready to start at five o'clock in the morning. You have no more cause to be pleased than we have. You must put on your hat; you should never go out without it.

Thursday, 3rd October, 1895.

SECOND PAPER—3 to 5 P.M.

I. Translate into English :—

(*a*) De ses *Mémoires* M. de Chateaubriand a fait et a dû faire un poème. Noble vie, magnanime destinée, à coup sûr, que celle qui se trouve tout naturellement et comme forcément amenée à produire l'épopée de son siècle en se racontant elle-même, tant elle a été mêlée à tout, à la nature, aux catastrophes, aux hommes, tant son rôle extérieur a été grand, bien qu'elle ait gardé plus d'un mystère! Oh! quand je m'échappe quelquefois à parler du factice inévitable des rôles humains; quand j'ai l'air de me plaire à la pure realité, ce n'est pas que je me dissimule les misères et les petitesses de celle-ci, ce n'est pas que je méconnaisse le mérite et la force des entreprises. En présence surtout de l'œuvre et de la vie de M. de Chateaubriand, j'ai senti combien il sied à la faculté puissante, au génie, d'enfanter de longues espérances, de se proposer de grands buts, d'épouser d'immenses causes. A trente ans, d'ordinaire, le premier cours naturel de la jeunesse s'affaiblit. A s'en tenir au point de vue de la stricte réalité, on sait déjà les inconvénients de toute chose, le néant des amitiés, les revers des enthousiasmes, l'insuffisance des doctrines stoïques et altières. Si l'on demeure à ce point de vue stérile, il n'est aucune raison pour se remuer davantage, et l'on cesse toute action confiante et suivie à l'âge même où le génie déploie la sienne.—SAINTE-BEUVE.

(*b*) Le temps, qui change tout, change aussi nos humeurs ;
Chaque âge a ses plaisirs, son esprit êt ses mœurs.
Un jeune homme, toujours bouillant dans ses caprices,
Est prompt à recevoir l'impression des vices,
Est vain dans ses discours, volage dans ses désirs,
Rétif à la censure, et fou dans les plaisirs.
L'âge viril, plus mûr, inspire un air plus sage,
Se pousse auprès des grands, s'intrigue, se ménage,
Contre les coups du sort songe à se maintenir,
Et loin dans le présent regarde l'avenir.
La vieillesse chagrine incessament amasse,
Garde, non pas pour soi, les trésors qu'elle entasse,
Marche en tous ses desseins d'un pas lent et glacé,
Toujours plaint le présent et vante le passé ;
Inhabile aux plaisirs dont la jeunesse abuse,
Blâme en eux les douceurs que l'âge lui refuse.

BOILEAU.

II. GRAMMAR.

1. Explain in the above prose passage : (*a*) the use of *que* in "que celle qui se trouve" ; (*b*) the subjunctive in "ce n'est pas que je méconnaise." Mention some conjunctions, besides *bien que* (*bien qu'elle ait gardé*), which always govern the subjunctive, and others which govern the subjunctive under certain circumstances. Illustrate these circumstances by a few examples.

2. Distinguish between *sarant* and *sachant* : *ailleurs* and *d'ailleurs* ; *puis* and *alors* (English *then*) ; *quitter* and *laisser* (English *leave*). Form sentences to illustrate your answers.

3. State the different ways in which the English preposition *to*, before an infinitive, can be rendered into French, and translate the following sentences :—He is too old to work. This is difficult to believe. It is difficult to believe him. I hope to see you again to-morrow. I did it to please him.

4. State when the definite article is omitted with the names of countries, and when it is used with the names of persons.

III. PHILOLOGY AND LITERATURE.

(*Only* ONE *of the following questions to be attempted.*)

1. Explain etymologically the form and meaning of any *ten* of the following words :—plaisir, beaucoup, mûr, emportement, âge, volage, avenir, chaque, loisir, néant, puissance, blâmer, aucun, aujourd'hui, monsieur.

2. Explain how the Latin *me* has produced the two different French forms *me* and *moi* : why substantives in *-age* are generally of the masculine gender, and why *image*, *cage*, *rage*, etc., form exceptions.

3. Discuss the influence of Boileau on French literature.

4. Give a brief description and criticism of any French novel you have read, and say what you know about the writer and his literary importance.

GERMAN.

Wednesday, 2nd October, 1895.

FIRST PAPER—3 to 4.30 P.M.

Translate into German :—

(*a*) His horse was a splendid swimmer and able to stand a great deal of work. He would try to save some of the poor sailors. So he seated himself firmly in the saddle and rode into the water. The crowd looked on breathlessly. Horse and rider seemed swallowed up for a moment by the terrible waves, but at last the horse was seen striking out boldly. They reached the wreck, and the old man came back to shore with a man holding on to each of his feet, the noble horse pulling them along gallantly. Seven times back and forward they went, and so brought fourteen men safely ashore. But the eighth time the old man was swept from the horse's back by a gigantic wave. The horse managed to swim ashore, but his brave master was never seen again.

(*b*) He was at last thought out of danger. This is not the volume I wanted you to bring me. Not having found him, I went there the next day. He could hardly believe his eyes when he saw him in such a condition. He told his children that they must talk only when they are spoken to. He was greatly amused at being asked such questions.

Friday, 4th October, 1895.

SECOND PAPER—9 TO 11 A.M.

I. Translate into English :—

1. So waren sie nach und nach auf einen freien Platz gelangt, der zur Vorstadt hinführte, wo am Ende vieler kleiner Buden ein grösseres Brettergebäude in die Augen fiel, das sie kaum erblickten, als ein ohrzerreissendes Gebrüll ihnen entgegen tönte. Die Futterungsstunde der dort zur Schau stehenden wilden Tiere schien herangekommen ; der Löwe liess seine Wald- und Wüstenstimme auf's Kraftigste hören, die Pferde schauderten und man konnte der Bemerkung nicht entgehen, wie in dem friedlichen Wesen und Wirken der gebildeten Welt der König der Einode sich so furchtbar verkundige. Zur Bude naher gelangt, durften sie die bunten kolossalen Gemalde nicht übersehen, die mit heftigen Farben und kraftigen Bildern jene fremden Tiere darstellten, welche der friedliche Staatsbürger zu schauen unüberwindliche Lust empfinden sollte. Der grimmig ungeheure Tiger sprang auf einen Mohren los, im Begriff, ihn zu zerreissen ; ein Lowe stand ernsthaft majestätisch, als wenn er keine Beute seiner würdig vor sich sehe ; andere wunderliche bunte Geschopfe verdienten neben diesen machtigen weniger Aufmerksamkeit.

"Es ist wunderbar," sagte der Furst, "dass der Mensch durch Schreckliches immer aufgeregt sein will. Drinnen liegt der Tiger ganz ruhig in seinem Kerker, und hier muss er grimmig auf einen Mohren losfahren, damit man glaube dergleichen inwendig ebenfalls zu sehen. Die guten Menschen wollen eingeschuchtert sein, um hinterdrein erst recht zu fuhlen, wie schon und loblich es sei, frei Athem zu holen."

GOETHE.

(2) *Die Führer des Lebens.*

Zweierlei Genien sind's, die dich durch's Leben geleiten.
Wohl dir, wenn sie vereint helfend zur Seite dir stehn!
Mit erheiterndem Spiel verkürzt dir der eine die Reise,
Leichter an seinem Arm werden dir Schicksal und Pflicht.
Unter Scherz und Gespräch begleitet er bis an die Kluft dich,
Wo an der Ewigkeit Meer schaudernd der Sterbliche steht.
Hier empfängt dich entschlossen und ernst und schweigend der andere,
Trägt mit gigantischem Arm über die Tiefe dich hin.
Nimmer widme dich einem allein! Vertraue dem ersten
Deine Würde nicht an, nimmer dem andern dein Glück!

SCHILLER.

II. GRAMMAR.

1. When is "of" rendered in German by the genitive case? When is it omitted, and when is it rendered by *von*? Give examples.

2. Explain the difference between *sich* and *selbst*, and between *wer* and *welcher*. Give instances.

3. How can you ascertain the gender of German nouns (*a*) by their endings, (*b*) by their meaning?

4. What influence is exercised on the order of words in German by the following words: *weil*, *sondern*, *bis*, *freilich*? Form one sentence for each case.

5. Give the meaning and the past participle of the following verbs: *widerstehen*, *übergehen*, *unterhalten*, *beauftragen*. Mark carefully those verbs which admit of two different meanings and two different formations of their past participles.

III. PHILOLOGY AND LITERATURE.

(*Only* ONE *of the following questions is to be attempted.*)

1. Give the derivation and meaning of: *Gesicht*, *Herzog*, *höflich*, *Mädchen*, *Gedächtnis*, *Mitgift*, *Erinnerung*, *eigensinnig*, *Gunst*, *wichtig*.

2. Explain fully how in the course of the development of the German language *Sie*—originally the third person plural—came to be used instead of *Du* and *Ihr*.

3. Contrast the literary genius of Schiller and Goethe, and describe what you have read of either of them.

4. Say what you know of the influence exercised by the literature of France on that of Germany until the end of the eighteenth century.

DYNAMICS.

Friday, 4*th October*, 1895.—1 to 4 P.M.

(Take $g = 32$ foot-second units.)

1. State and prove the proposition known as the "Triangle of Velocities."

A, B, C, D are four given points. Give a geometrical construction for the point P such that the resultant of the four velocities represented by PA, PB, PC, PD shall be zero.

2. Distinguish between *mass* and *weight*.

Show clearly how it has been established by experiment that at a given place on the earth's surface the weights of different bodies are proportional to their masses.

A cage containing a mass of 100 lbs. is being raised vertically from the bottom of a mine, and ascends the first 100 feet in 35 seconds with uniform acceleration. What pressure will be exerted between the cage and the mass it contains?

3. A force of P poundals acts on a mass of m lbs., which is initially at rest, and moves it through a space of s feet. What is then the momentum of the mass, and what its kinetic energy? State clearly in what units your results are expressed.

A force equal to the weight of 3 tons acts for $\frac{1}{20}$ of a second on a mass initially at rest. If the momentum thus generated were communicated to a stationary mass of 1 cwt., with what velocity would this mass begin to move?

4. Show by the principle of Conservation of Energy, or otherwise, that the greatest height that can be reached by a body projected with a velocity v in a direction making an angle i with the horizon is

$$\frac{v^2 \sin^2 i}{2g}$$

A mass of 10 lbs. is placed on a smooth plane inclined to the horizon at an angle of 30°, and is connected by a string passing over a smooth weightless pulley at the top of the plane with a mass of 8 lbs. which hangs vertically. If the system start from rest, find the velocity of either mass when the smaller mass has fallen through a distance of 24 feet.

5. Apply the Second Law of Motion to deduce the "Parallelogram of Forces" from the "Parallelogram of Velocities."

A uniform sphere, weight W, is placed on a smooth plane inclined to the horizon at an angle i, and is supported by a horizontal string attached to a point on its surface. Show in a diagram the forces which keep the sphere at rest, and prove that the tension of the string is $W \tan i$.

6. Show that a system of forces acting on a rigid body in one plane can in general be reduced to a single force and a couple.

Deduce the conditions of equilibrium.

A uniform ladder is placed in a plane perpendicular to a rough vertical wall with its upper end in contact with the wall, and the lower end on a rough horizontal plane. Being given that the wall and the horizontal plane are equally rough, and that the ladder cannot rest inclined to the vertical at a greater angle than 45°, find the coefficient of friction between the ladder and the wall or horizontal plane.

7. Show how to find the centre of gravity of a body made up of two parts whose masses and centres of gravity are given.

A piece of paper, uniform in thickness and material, is in the form of a square $ABCD$; O is the centre of the square, and E, F are the mid-points of the sides AB, AD respectively. The paper is folded across the line EF so that the point A coincides with the point O. Find the centre of gravity of the paper when so folded.

8. Distinguish between the total pressure and the resultant pressure of a liquid on a curved surface.

Give (without proof) the formula for the total pressure on any plane surface exposed to the pressure of a liquid.

A cube, whose volume is 1000 cubic centimetres and weight 800 grammes, floats in water with four of its edges vertical. Find the pressure on the horizontal face of the cube which is in contact with the water, and the pressure on each of the vertical faces.

What is the resultant pressure of the water on the cube?

9. State clearly what experiments you would make in order to determine the specific gravity of a solid less dense than water, *e.g.* a piece of cork; and construct a formula by which you would calculate the specific gravity of the solid from the results of the experiments.

A solid weighs a grammes in water and b grammes in a liquid of specific gravity s. Find the mass of the solid in grammes and its volume in cubic centimetres.

10. State Boyle's Law, and show how it is verified by experiment in the case of common air for pressures greater than atmospheric pressure. Why is it necessary to proceed slowly in carrying out the experiment?

A hollow cylinder, 10 feet high, is closed at one end but open at the other. It is held with its axis vertical and open end downwards, and is then lowered into water until the lower end is 29 feet below the surface of the water, when half the quantity of air in it is allowed to escape. Assuming that the height of the water barometer is 33 feet, find to what height the water will rise inside the cylinder.

HEBREW.

FIRST PAPER—Two Hours.

I. Point and translate the following:—

ויאמר יהוה אל־אברם לך־לך מארצך וממולדתך ומבית
אביך אל־הארץ אשר אראך: ואעשך לגוי גדול ואברכך
ואגדלה שמך והיה ברכה: ואברכה מברכיך ומקללך אאר
ונברכו בך כל משפחת האדמה: וילך אברם כאשר דבר
אליו ויהי ויך אתו לוט ואברם בן־חמש שנים ושבעים
שנה בצאתו מחרן: ויקח אברם את־שרי אשתו ואת־לוט
בן אחיו ואת־כל־רכושם אשר רכשו ואת־הנפש אשר־עשו
בחרן ויצאו לכת ארצה כנען ויבאו ארצה כנען:

II. Translate into Hebrew with the vowel points:—

1. Who shall ascend into the hill of Jehovah? and who shall stand in His holy place?

2. Rachel came with her father's flock, for she tended (kept) them.

3. Thy seed shall be a stranger in a land which is not theirs, and shall serve them.

4. And I heard the voice of Jehovah, saying, Whom shall I send ?

5. There is no man more righteous than he among the children of men.

6. Jehovah will send His angel with thee, and prosper thy way ; and thou shalt take a wife for my son of my father's house.

7. And the Lord God said, Behold the man is become as one of us, to know good and evil ; and now, lest he put forth his hand, and take also of the tree of life, and eat, and live for ever.

8. And Abraham took sheep and oxen (flock and herd) and gave them unto Abimelech ; and they two made a covenant.

SECOND PAPER—Two Hours.

III. Translate *Genesis* XLIV. 18—29.

1. Parse רִיגַּשׁ and יְהַר (in v. 18), רִיתֵר and אַחֲבִי (in v. 20), תּוֹרְדֶהִי and וְאֶשְׁתֵּירָה (in v. 21), יִכְבֶּה and רָמִית (in v. 22), וְתֵרְדִּי and תִּכְפִּין (in v. 23), עֲלִינִי and וַנַּגֶּד (in v. 24), טָרוֹף and טֹרַף (in v. 28).

(2) Write down אָח, דֶּרֶךְ, and רֵעַ in the singular and plural, with the pronominal suffixes of the various persons.

(3) Add the pronominal suffixes, singular and plural, to (*a*) the 3rd singular masculine perfect Qal of שָׁמַע, and (*b*) the third singular masculine imperfect Hiphil of דָּרַךְ.

(4) Distinguish:—(*a*) יָרַךְ and יָרֵחַ, (*b*) מֵיכָהּ and מֵכַח, (*c*) אֲתִי and עִתִּי, (*d*) שְׁכֶה and שְׁכֵה, (*e*) דָּם and דֹּם, (*f*) יוֹם, יָם and עַם, (*g*) שִׁיבָה and שְׁבָה.

II.—FOR THE DEGREE OF M.A.

I. FOR ORDINARY DEGREE.

A. DEPARTMENT OF LANGUAGE AND LITERATURE.

LATIN TRANSLATION.—Two Hours.

1. Translate the following passages :—
   (*a*) Virg. *Aen.* X. 195—208.
   (*b*) Hor. *Odes* III. 7, 5—20.
   (*c*) *Either* Hor. *Sat.* II. 3, 151—162, *or* Martial V. 80.
   (*d*) Tac. *Ann.* VI. 35.

2. Translate, with notes :—

(*a*) Haeret pede pes densusque viro vir.—Virg.

(*b*) Non hydra secto corpore firmior
Vinci dolentem crevit in Herculem,
Monstrumve submisere Colchi
Maius Echioniaeve Thebae.—Hor. *Odes.*

(*c*) *Either* (1)

Vel cum Pausiaca torpes, insane, tabella,
Qui peccas minus atque ego, cum Fulvi Rutubaeque
Aut Pacideiani contento poplite miror
Proelia rubrica picta aut carbone, velut si
Re vera pugnent, feriant vitentque moventes
Arma viri? Hor. *Sat.*

Or (2)

Perpetui nunquam moritura volumina Sili
Qui legis et Latia carmina digna toga;
Pierios tantum vati placuisse recessus
Credis et Aoniae Bacchica serta comae?—Mart.

(*d*) Nullam posthac subolem Iulia Augusta edidit, sed sanguini Augusti per coniunctionem Agrippinae et Germanici adnexa communes pronepotes habuit.—Tac.

LATIN PROSE—Two Hours.

Diocletian, who was proclaimed emperor by the army of Persia, was an Illyrian soldier, whose parents were slaves, and who had probably been a slave himself in his youth. His military service had lasted over twenty years. This man, whose own strength had enabled him to ascend from the most abject to the highest station in society, proved to the world that he was still more distinguished for the vigour of his genius, the prudence of his counsels, his empire over his own passions and over the minds of others, than by his personal bravery. He felt that the empire, decrepit and tottering on its ancient base, required a new form, a new constitution, and that if it did not receive something of this sort, it would inevitably be ruined. Neither his servile birth, his education, nor the examples he saw around him, were of a kind to inspire him with much esteem for men. He expected little from them. He even said that he could not understand that liberty which had once inspired the Romans with such heroic valour, and went so far as to declare that he reckoned it as little worth.

LATIN GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Ne gloriari libeat alienis bonis,
Suoque potius habitu vitam degere,

Aesopus nobis hoc exemplum prodidit.
Tumens inani Graculus superbia,
Pennas, Pavoni quae deciderant, sustulit,
Seque exornavit: deinde contemnens suos
Immiscuit se formoso pavonum gregi.
Illi impudenti pennas eripiunt avi,
Fugantque rostris. Male mulcatus Graculus
Redire maerens coepit ad proprium genus:
A quo repulsus tristem sustinuit notam.
Tum quidam ex illis, quos prius despexerat:
Contentus nostris si fuisses sedibus,
Et, quod Natura dederat, voluisses pati,
Nec illam expertus esses contumeliam,
Nec hanc repulsam tua sentiret calamitas.

B. Grammar.

1. How do you explain these anomalies of declension and comparison:—*iter, itineris; senex, senis; bonus, melior; dives, ditior; benevolus, benevolentior*?

2. Enumerate the various ways in which a prohibition may be expressed in Latin, and give examples. Would *abi* do instead of *abito* (2nd sing.) in this passage of Horace?—

Si per invisum mora ianitorem
Fiet, abito.

3. Explain, with examples, the use of *quin* and *quominus*. What is the derivation of these words?

C. Antiquities.

1. How were the Roman revenues collected? Distinguish *decumae, scriptura, portorium*.

2. Give a short sketch of the proceedings at a Roman Election to the Consulship.

3. Explain the terms:—*pater patratus, flamen Dialis, dies nefasti, templum, obnuntiatio*.

D. History.

1. Sketch very briefly the chief incidents in the Social War.

2. What were the occasions of these speeches of Cicero:—*de Lege Manilia, in Catilinam, Philippicae*?

3. Explain the part played by Octavianus after the death of Julius Caesar.

GREEK TRANSLATION—Two Hours.

1. Translate *one* passage from each of the following sections:—
   A. (*a*) Homer, *Il.* XVI. 384—393.
      (*b*) Homer, *Od.* XIV. 507—517.
   B. (*a*) Eurip. *Hipp.* 695—705.
      (*b*) Eurip. *Iph. Aul.* 1360—1368.
   C. (*a*) Plato, *Rep.* 580 D—E.
      (*b*) Herod. VI. 91.

2. Translate :—Plut. *Timol.* XXVII. 2.

3. Translate, with notes, *four* of the following :—

(*a*) Δύσεο τεύχεα θᾶσσον, ἐγὼ δέ κε λαὸν ἀγείρω.—Hom. *Il.*

Explain syntax.

(*b*) Οὔ τι διαπρήξαιμι λέγων ἐμὰ κήδεα θυμοῦ.—Hom. *Od.*

Explain syntax.

(*c*)
Ἅ διὰ πόντιον
κῦμ' ἁλίκτυπον ἅλμας
ἐπόρευσας ἐμὰν ἄνασσαν
ὀλβίων ἀπ' οἴκων,
κακονυμφοτάταν ὄνασιν.—Eurip. *Hipp.*

What does this refer to ?

(*d*)
Πηλέως εἰς γάμον ἦλθον,
μελῳδοῖς Θέτιν ἀχήμασι τόν τ' Αἰακίδαν
Κενταύρων ἀν' ὄρεσι κλέονσαι
Πηλιάδα καθ' ὕλαν. Eurip. *Iph. Aul.*

What do you know of Πηλέως γάμος ?

(*e*) Ὃς περὶ τὸ ἐν Ἀρκαδίᾳ τὸ τοῦ Διὸς τοῦ Λυκαίου ἱερὸν λέγεται.—Plato.

(*f*) Οἱ δὲ Ἀλκμαιωνίδαι ἦσαν μὲν καὶ τὰ ἀνέκαθεν λαμπροὶ ἐν τῇσι Ἀθήνῃσι.—Herod.

(*g*) Ἡ μὲν Ἀντιμάχου ποίησις καὶ τὰ Διονυσίου ζωγραφήματα. Plut.

GREEK PROSE AND GRAMMAR—Two Hours.

A.

Translate into Greek :—

After the capture of Methone, his road lay open into Thessaly ; and at the invitation of the Aleuadae of Larissa, who were disgusted with the tyranny exercised by the successors of Alexander of Pherae, he undertook an expedition against that state. Alexander himself had been despatched through the machinations of his wife Thebe, who caused him to be murdered by her three brothers. These subsequently ascended the throne, and exercised a tyranny as harsh as that of their predecessor. Pherae, it seems, had shown some disposition to assist the Phocians; and when Onomarchus heard that Philip was marching against it, he sent his brother Phayllus, with a force of 7000 men, to his assistance. Philip at first defeated Phayllus, but was subsequently routed and compelled to return to Onomarchus.

B.

1. State, with examples, the various uses of the Middle in Greek.
2. What are the chief rules for the use of οὐ and μή ? Give examples.

3. Comment on the constructions of these passages, and give the translation :—

(*a*) Δέδοιχ' ὅπως μοι μὴ λίαν φανεῖ σοφή.
(*b*) Ὅσον γ' ἔμ' εἰδέναι.
(*c*) Χρῶμαι οἷς ἔχω βιβλίοις.
(*d*) Πῶς ἀγῶνος ἥκομεν ;

GREEK GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Ὁρᾷθ' ὅτι φεύγει τὰς ἰδίας προφάσεις, εἰς δὲ τὰς Ἀμφικτυονικὰς καταφεύγει. τίς οὖν ὁ ταῦτα συμπαρασκευάσας αὐτῷ ; τίς ὁ τὰς προφάσεις ταύτας ἐνδούς ; τίς ὁ τῶν κακῶν τῶν γεγενημένων μάλιστα αἴτιος ; οὐχ οὗτος ; μὴ τοίνυν λέγετε, ὦ ἄνδρες Ἀθηναῖοι, περιιόντες ὡς ὑφ' ἑνὸς τοιαῦτα πέπονθεν ἡ Ἑλλὰς ἀνθρώπου. οὐχ ὑφ' ἑνός, ἀλλ' ὑπὸ πολλῶν καὶ πονηρῶν παρ' ἑκάστοις, ὦ γῆ καὶ θεοί· ὧν εἷς οὑτοσί, ὅν, εἰ μηδὲν εὐλαβηθέντα τἀληθὲς εἰπεῖν δέοι, οὐκ ἂν ὀκνήσαιμι ἔγωγε κοινὸν ὀλιτήριον τῶν μετὰ ταῦτα ἀπολωλότων ἁπάντων εἰπεῖν, ἀνθρώπων τόπων πόλεων· ὁ γὰρ τὸ σπέρμα παρασχών, οὗτος τῶν φύντων κακῶν αἴτιος. ὃν ὅπως ποτὲ οὐκ εὐθὺς ἰδόντες ἀπεστράφητε, θαυμάζω· πλὴν πολύ τι σκότος, ὡς ἔοικεν, ἐστὶ παρ' ὑμῖν πρὸ τῆς ἀληθείας.

B. Literature, History, and Antiquities.

1. Scan the following lines :—

(*a*) Μίμνουσι δ' ἔνθα πεδίον Ἀσωπὸς ῥοαῖς.
(*b*) Ἱππόλυτος αὐδῶν δεινὰ πρόσπολον κακά.

2. What do you know of the colonies in Magna Graecia ?
Or, Give some account of the career of (*a*) Cleon, (*b*) Nicias.
3. Describe the circumstances under which a drama was performed at Athens.
4. What do you know of the life and writings of Plutarch *or* Hesiod ?

ENGLISH LANGUAGE AND LITERATURE—Three Hours.

I. For Students of Session 1894-95.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Questions* 7 *and* 18 *must be attempted.*
Students who attended the English Literature Class before Session 1893-94 *may substitute for the question from* B *an additional question from any one of the other sections. They should note on the outside of their papers the year of their attendance.*)

A. Composition.

1. Distinguish the main kinds of Barbarism (or violation of the rule of purity in the use of words). What settles the question whether that which appears to be a Barbarism is so or not?

2. Discuss one of the following statements:—(*a*) "Simplicity is the supreme virtue of style"; (*b*) "The style is the man."

3. Discuss the purposes served by similes and metaphors, and criticise, in reference to one or two of these purposes, the similes of Homer, or Milton, or Tennyson.

B. Philology.

4. (*a*) Explain the philological relationships implied in the statement, "Latin *tu* = English *thou* = German *du*": or (*b*) describe some of the chief peculiarities of the Teutonic languages.

5. How did the English language at the time of the Norman Conquest differ from the language used 400 years earlier, and how did the differences arise?

6. "This vorzothe ywyteth, thet yef the vader of the house wyste huyche time the thyef were comynde, vorzothe he wolde waky and nolde naght tholye thet me dolve his hous." How can you determine the dialect of this passage? Sketch the history of the Northern and East Midland dialects after 1400.

C. English Poetry from Cowper to Keats.

7. (Compulsory Question). Name the author, give the approximate date, and add a description, *in two or three lines*, of each of the following poems:—(*a*) *Dejection, an Ode*; (*b*) *The Dream*; (*c*) *Epistle to a Young Friend*; (*d*) *On the Loss of the Royal George*; (*e*) *She was a Phantom of Delight*; (*f*) *Thought of a Briton on the Subjugation of Switzerland*; (*g*) *Stanzas written in Dejection near Naples*; (*h*) *Ode to Duty*; (*i*) *Lines on the Mermaid Tavern*; (*j*) *Edmund's Song* (Oh, Brignall Banks).

8. Indicate, and illustrate by reference and quotation, the meaning of the phrase, "the return to nature," as applied to the poetry of this period.

9. Explain briefly the design of the *Lyrical Ballads*, and name a few of the principal pieces included in the volume. In what respects did the authors consider their work to be based on new principles?

10. "So great and so English that from him alone we shall learn more truths of his country and of his age than from all the rest [of contemporary writers] put together." "A poet distinctly of the second class, and not even of the best kind of second." Examine and try to explain these widely divergent judgments on Byron.

11. Write a short life, and add a critical estimate, of Cowper, or Blake, or Crabbe.

12. Explain, by reference to examples, the principal points of difference between the lyrics of Burns and the lyrics of Shelley.

13. Keats has been described as "the poet of greatest promise since Shakespeare." What is there in the works of Keats to justify or to throw doubt upon this judgment?

14. What was the state of the drama during this period? Give an account of any drama by one of the principal writers.

15. Give a critical account of any two of the following:—*Ode on Intimations of Immortality, Christabel, Adonais, The Village, The Lay of the Last Minstrel.*

D. Hamlet.

16. "The whole is intended to show that a calculating consideration, which exhausts all the relations and possible consequences of a deed, must cripple the power of acting" (Schlegel). Discuss this.

17. Discuss (*a*) the character of the queen, and (*b*) Hamlet's treatment of Ophelia in the "Nunnery Scene."

18. (Compulsory.) Explain fully, with reference to the context:—

(*a*) Would I had met my dearest foe in heaven
Or ever I had seen that day, Horatio!

(*b*) Take this from this, if this be otherwise.

(*c*) By'r lady, your ladyship is nearer to heaven than when
I saw you last, by the altitude of a chopine.

(*d*) For 'tis the sport to have the enginer
Hoist with his own petar.

(*e*) And then this 'should' is like a spendthrift sigh,
That hurts by easing.

(*f*) This lapwing runs away with the shell on his head.

(*g*) I am more an antique Roman than a Dane.

E. Eighteenth Century Essays.

19. Write a short history of the Eighteenth Century Essay from the foundation of the *Tatler* to the close of the *Lounger*.

20. Describe two of the following papers, and name the authors:—*The Man in Black, A Day's Ramble in London, The Political Upholsterer, Dick Minim the Critic, A Modern Conversation.*

21. Write notes on the following:—Major Matchlock; "the finest burlesque poem in the British language"; Captain Sentry; "he would wrestle with Mr. Nicolini for what he pleased"; "she was a Silk-worm."

II. For Students of Session 1895-96.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Question* 18 *must be attempted.*

Students who attended the English Literature Class before Session 1893-94 *may substitute for the question from* B *an additional question from any one of the other sections. They should note on the outside of their papers the year of their attendance.*)

A. Composition.

1. Distinguish the main kinds of Barbarism (or violation of the rule of purity in the use of words). What settles the question whether that which appears to be a Barbarism is so or not?

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4. (*a*) Explain the philological relationships implied in the statement, "Latin *tu* = English *thou* = German *du*": or (*b*) describe some of the chief peculiarities of the Teutonic languages.

5. How did the English language at the time of the Norman Conquest differ from the language used 400 years earlier, and how did the differences arise?

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C. Elizabethan Drama.

7. Taking *Dr. Faustus*, *Othello*, and *The Duchess of Malfi* as types of early, intermediate, and later Elizabethan Tragedy, point out the principal changes through which it passed.

8. By what kinds of evidence is the chronology of Shakespeare's plays determined? Illustrate your answer by reference to the plays you have studied.

9. Compare Shakespeare and Ben Jonson as comedians (*a*) in respect of the development of character, (*b*) in respect of wit and humour. Illustrate from the plays in your list.

10. Discuss Shakespeare's clowns and fools, both as individual characters and in their bearing upon the development of the plays in which they occur.

11. Sketch the plots of two of the following, taking only one from Shakespeare:—*Henry V.*, *Edward II.*, *Coriolanus*, *A New Way to Pay Old Debts*, *The Alchemist*.

12. Write a critical account of *Hamlet* or *King Lear*.

13. Analyse any two of the following characters:—Bellario, Kent, Rosalind, Beatrice, Bosola.

14. Point out characteristic differences between *As You Like It* or *Much Ado about Nothing* on the one side, and *Cymbeline* or *The Tempest* on the other.

15. Discuss two of the following statements:—(*a*) "When Hamlet returns to Elsinore (in Act 5) he is determined on revenge"; (*b*) "Need-

less discussion has been raised concerning Iago's motives; he acts simply from desire for revenge"; (c) "Macbeth's irresolution is due not to cowardice, but to the fact that he is a greater and more complex character than Lady Macbeth."

D. Chaucer's Nun's Priest's Tale.

16. Tell the story of the *Nun's Priest's Tale*, omitting Chauntecleer's discourse on dreams.

17. How does the Tale illustrate the art of Chaucer as a narrative poet?

18. (Compulsory Question.)

(*a*) Give, by means of paraphrase, comment, and reference to the context, the full meaning of the following lines:—

(*α*) By nature knew he ech ascencioun
Of equinoxial in thilke toun.
(*β*) Lo, in the lyf of seint Kenelm, I rede,
That was Kenulphus sone, the noble king
Of Mercenrike, how Kenelm mette a thing.
(*γ*) And if a rethor coude faire endyte,
He in a chronique saufly mighte it write,
As for a sovereyn notabilitee.
(*δ*) So hidous was the noyse, a! *benedicite!*
Certes, he Iakke Straw, and his meynee,
Ne maden nevere shoutes half so shrille,
Whan that they wolden any Fleming kille.

and (*b*) Scan the following lines:

(*α*) Ne poplexye shente nat hir heed.
(*β*) That both of colere and of malencolye.
(*γ*) Right in the nexte chapitre after this.
(*δ*) After the opinioun of certeyn clerkis.
(*ε*) So hidous was the noyse, a! *benedicite!*

E. Tennyson's Idylls of the King.

19. Give the substance of *The Coming of Arthur* and *The Passing of Arthur*, and show how the scenery and atmosphere of each is suited to its place in the Idylls.

20. How far and in what sense has Tennyson modernized the spirit of the Arthurian Legends? Can any valid objection be taken to the course he has pursued?

21. Describe two of the following characters, and explain shortly how they contribute to the development of the Idylls:—Gareth, Percivale, Vivien, Guinevere.

FRENCH.

FIRST PAPER—Two Hours.

1. Translate into English:—

(*a*) . . . Cette foi, qui me semble rester à tous encore et régner en souveraine dans les armées, est celle de l'Honneur. Je ne vois point

qu'elle soit affaiblie et que rien l'ait usée. Ce n'est point une idole, c'est, pour la plupart des hommes, un dieu et un dieu autour duquel bien des dieux supérieurs sont tombés. La chûte de tous leurs temples n'a pas ébranlé sa statue.

Une vitalité indéfinissable anime cette vertu bizarre, orgueilleuse, qui se tient debout au milieu de tous nos vices, s'accordant même avec eux au point de s'accroître de leur énergie. Tandis que toutes les vertus semblent descendre du ciel pour nous donner la main et nous élever, celle-ci paraît venir de nous-mêmes et tendre à monter jusqu'au ciel. C'est une vertu tout humaine, que l'on peut croire née de la terre, sans palme céleste après la mort ; c'est la vertu de la vie.

Telle qu'elle est, son culte, interprété de manières diverses, est toujours incontesté. C'est une religion mâle, sans symbole et sans images, sans dogme et sans cérémonies, dont les lois ne sont écrites nulle part ; et comment se fait-il que tous les hommes aient le sentiment de sa sérieuse puissance ? Les hommes actuels, les hommes de l'heure où j'écris, sont sceptiques et ironiques pour toute chose hors pour elle. Chacun devient grave lorsque son nom est prononcé. L'homme, au nom d'Honneur, sent remuer quelquechose en lui, qui est comme une part de lui-même ; et cette secousse réveille toutes les forces de son orgueil et de son énergie primitive.—Alfred de Vigny.

(*b*) Une plainte est au fond de la rumeur des nuits,
Lamentation large et souffrance inconnue
Qui monte de la terre et roule dans la nue,
Soupir du globe errant dans l'éternel chemin,
Mais effacé toujours par le soupir humain.
Sombre douleur de l'homme, ô voix triste et profonde,
Plus forte que les bruits innombrables du monde,
Cri de l'âme, sanglot du cœur supplicié,
Qui t'entend, sans frémir d'amour et de pitié ?
Qui ne pleure sur toi, magnanime faiblesse,
Esprit qu'un aiguillon divin excite et blesse,
Qui t'ignores toi-même et ne peux te saisir,
Et, sans borner jamais l'impossible désir,
Durant l'humaine nuit qui jamais ne s'achève
N'embrasses l'Infini qu'en un sublime rêve ?
O douloureux Esprit, dans l'espace emporté,
Altéré de lumière, avide de beauté,
Qui retombes toujours de la hauteur divine
Où tout être vivant cherche son origine,
Et qui gémis, saisi de tristesse et d'effroi,
O conquérant vaincu, qui ne pleure sur toi ?

Leconte de Lisle.

2. Translate into French :—

It was in one thousand eight hundred and nine, after the victory of Ebersberg, in Austria, that I was posted at the entrance of a half-destroyed building, in which the Emperor had taken up his quarters. My orders were not to allow anybody to pass, unless accompanied by an officer of the staff. In the evening, a person wearing a grey overcoat came towards my post and wanted to pass. I lowered my bayonet, and

called out: "Nobody passes here." These were the words I used, and I never added "even if you were the Little Corporal himself." The person came on without seeming to notice what I said; and I then brought my bayonet to the charge, and called out: "If thou takest another step, I will run my bayonet into thy body." The noise brought out the whole of the staff; the Emperor returned to his quarters, and I was carried off to the guard-house. "You are lost, my boy," said my comrades; "you have committed an assault on the Emperor!"—"Stop a bit," I said, "what of my orders? I shall explain all that to the court-martial." The Emperor sent to fetch me, and when I came into his presence, he said: "Grenadier, thou mayest put a red ribbon in thy button-hole; I give thee the Cross!"

SECOND PAPER—Two Hours.

(*The answers to be given in* French.)

I.—LITTÉRATURE.

(*Answer* three *of the following questions, taking* one *from* A, with B, *and* one *from* C.)

A.

(1) Que savez-vous de la philosophie de Molière?

(2) Quelle est la doctrine de Boileau, et que pensez-vous de la nécessité de sa réforme?

B (*compulsory question*).

Comparez l'un avec l'autre, dans leurs caractères généraux, le XVII^{ème} et le XVIII^{ème} siècles.

C.

(1) Quelles sont les nouvelles tendances qui se manifestent dans le théâtre au XVIII^{ème} siècle?

(2) Quel développement le roman français a-t-il subi au XVIII^{ème} siècle?

II.—PHILOLOGIE.

(*Answer* two *of the following questions, taking either* (1) *or* (2).)

(1) Expliquez la formation de la première personne du pluriel des verbes français.

(2) Expliquez la formation de l'imparfait de l'indicatif.

(3) Expliquez le passage de la terminaison *-el* à *-eau*, dans des mots comme *beau, château*, etc.

III.—HISTOIRE.

(*Answer* two *of the following questions, taking either* (2) *or* (3).)

(1) Que savez-vous de la Révocation de l'Edit de Nantes?

(2) Quelles furent les causes générales de la Révolution?

(3) Que savez-vous de la personne et de l'action de Mirabeau?

GERMAN.

FIRST PAPER—Two Hours.

1. Translate into English :—

Wer heisst mich dir Rede stehn?—
Wo mein Vater?—Weiss ichs selbst?—
Meinst du jenen bleichen Greis
Mit den heilgen Silberlocken?
Sieh, den hab' ich eingesungen,
Und er schläft nun, schläft nun, schläft!
Manchmal, manchmal regt er sich,
Aber legt sich wieder nieder,
Schliesst die schweren Augenlider
Und schläft murrend wieder ein.—
Aber, Mädchen, narrst du mich?
Komm mit mir hinaus ins Freie.—
Schüttelst du dein bleiches Haupt?
Eidvergessne, Undankbare,
Lohnst du so mir meine Liebe?
Lohnst du so was ich gethan?
Was mir teuer war hinieden,
Meiner Seele goldnen Frieden,
Welt und Himmel setzt' ich ein,
Um dich mein zu nennen, mein!
Kenntest du die Höllenschmerzen,
Die mir nagen tief im Herzen,
Fühltest du die grimme Pein,
Könntest, Reine, du es wissen,
Was ein blutendes Gewissen,
O, du würdest milder sein,
O, du sagtest jetzt nicht: Nein!

(*Answer* SIX *of the following questions, taking* ONE *from* A, TWO *from* B, *and* THREE *from* C (*of which* C 14 *must be one*). *The answers are to be given in German.*)

A.

2. Inwiefern kann man die der Schicksalstragödie zugrunde liegenden Ideen als ein Weltanschauungssurrogat bezeichnen? Was ist der äusserliche Ursprung und der Verlauf der Entwicklung der Schicksalstragödie?

3. Welches ist die Stellung der Romantischen Schule zu der Weltanschauungsentwicklung der Zeit, (*a*) auf religiosem, (*b*) auf ethischem, (*c*) auf politisch-sozialem Gebiete?

4. Inwiefern kann man Gutzkow einen Weltanschauungskämpfer nennen? Was sind seine leitenden Ideen, seine Ziele, seine Wirkungen auf die Weiterentwicklung der deutschen Literatur?

5. Kennzeichnen Sie kurz die Weltanschauung Wilhelm Jordans.

6. Was wissen Sie über die Geschichte des Eheproblems in der Lyrik, dem Drama und dem Romane des neunzehnten Jahrhunderts in Deutschland?

B.

7. Geben Sie eine Skizze der orientalisierenden Dichtung in Deutschland. Geben Sie ihren Ausgangspunkt und ihre letzten Vertreter an.

8. Welches sind die hauptsächlichen Behandlungen des Nibelungenstoffes in der deutschen Literatur unseres Jahrhunderts und wodurch unterscheiden sie sich?

9. Geben Sie den Abriss einer Geschichte des deutschen Romans von Goethe bis zur Gegenwart.

10. Was wissen Sie uber die Geschichte des deutschen Lustspieles des neunzehnten Jahrhunderts, über seine Ausgangspunkte, Stoffe, Tendenzen, besten Erzeugnisse?

11. Warum kann man Immermanns beide Romane nur in sehr begrenztem Sinne soziale Romane nennen? Vergleichen Sie ihre Probleme und Lösungen mit Freytags und Spielhagens modernen Romanen.

12. Vergleichen Sie Gutzkows und Laubes Leben, ausserdichterische Wirksamkeit und Dichtung mit einander.

13. Zeichnen Sie ein Bild von Geibels und von Herweghs Lyrik.

14. Wer sind die Verfasser von William Lovell, Der gestiefelte Kater, Die Kronenwächter, Der junge Tischlermeister, Die Söhne des Thales, Caecilie, Die Elixiere des Teufels, Tulifäntchen, Briefe eines Verstorbenen, Gedichte eines Lebendigen, Lieder eines Erwachenden, Briefe eines Narren an eine Narrin, Maria Magdalena, Zwischen Himmel und Erde, Das Nest der Zaunkonige, Demiurgos, Andachten, Nachte des Orients, L'Arrabiata, Die Kinder der Welt, Die Weisheit des Brahmanen, Der Schatz des Rhampsinit, Kelch und Schwert, Die Albigenser, Waldmeisters Brautfahrt, Die Bluthochzeit, Das junge Europa, Seraphine, Don Juan und Faust, Journalisten?

15. Erzählen Sie den Inhalt von Gutzkows Wally die Zweiflerin.

16. Geben Sie ein Bild von Heinrich von Kleists Leben und Werken.

17. Kennzeichnen Sie die Schwäbische Dichterschule.

SECOND PAPER—Two Hours.

1. Translate into German :—

It is on the borders of one of the wilder districts of a county, which is throughout a strange mixture of suburbanism and the desert, that we next meet with Robert and Catherine Elsmere. The rectory of Murewell occupied the highest point of a gentle swell of ground which sloped through cornfields and woods to a plain of boundless heather on the south, and climbed away on the north towards the long chalk ridge of the Hog's Back. It was a square white house, pretending neither to beauty nor state, a little awkwardly and barely placed, with only a small stretch of grass and a low hedge between it and the road. A few tall firs climbing above the roof gave a little grace and clothing to its southern side, and behind it there was a garden sloping softly down towards the village at its foot.—*Robert Elsmere*, II., 11.

2. Write a short essay on the significance of the sale of the shadow in Chamisso's *Peter Schlemihl*, explaining the story of the little novel.

(*Answer* SIX *of the following questions, taking* TWO *from* A, TWO *from* B (*of which* B 9 *must be one*), *and* TWO *from* C (*of which* C 14 *must be one*). *The answers may be given either in English or in German.*)

A.

3. Give a short history of the German declensions of nouns from the Gothic to New High German.

4. Give the vowel gradation table as shown in the conjugation of strong verbs in Gothic, adding three German and three English examples of each class of verbs.

5. Enumerate the old past participles of strong verbs now used as adjectives and having a form and meaning different from the accepted modern past participles of the same verbs.

6. Give the history of the so-called preterit-present verbs.

7. What do you know about reduplicative verbs in German and English?

B.

8. State and exemplify Verner's Law by means of modern German and English strong verbs and derivatives from them.

9. Point out whence the following lines are taken:—

(*a*) Und ihr im Schmuck der langen Zöpfe.

(*b*) Sanft stirbt es einzig sich in der Natur,
Das arme Menschenherz muss stückweis brechen.

(*c*) Sieh, diese Hand bricht keine Kronen mehr,
O König, lass mich in der Freiheit sterben.

(*d*) Sie gingen,—sahn sich—O, der Stolz ist schlimm!
Das *eine* Wort blieb ungesprochen.

(*e*) Die Stunde kommt, die Stunde kommt,
Wo du an Gräbern stehst und klagst.

(*f*) Mein Frühling ging zur Rüste,
Ich weiss es wohl, warum.

(*g*) Bis mein müdes Haupt ich lege
Ferne in ein kühles Grab.

10. Explain historically the term "New High German Written Language."

11. Which verbs take modification in the present tense? and what is the historical reason for it? Explain historically the forms: sandte, dachte, brannte, deuchte, brächte, rannte, nannte.

C.

12. Give the principal rules regarding the emphasizing of German words, simple and compound, and point out their import for the conjugation of compound verbs.

13. Describe the difference in pronunciation of German and English *r*, *w*, *ch*, *g*.

14. Translate idiomatically: fathoms, shops, shutters, brothers-in-law, murders, rafts, choirs, boats, pipes, volumes, ribbons, ties, men, places, dictionaries, cheeses, fools, planets, the houses of Leipzig professors, folk-tales, for my sake, my like, not at all, either both or neither, you had a coat made, he has only heard it said.

15. Give the rules for the use of capitals in modern German spelling.

HEBREW.

FIRST PAPER—Three Hours.

I. Point and translate the passages supplied :—

(1) ראה למדתי אתכם חקים ומשפטים כאשר צוני יהוה אלהי לעשות כן בקרב הארץ אשר אתם באים שמה לרשתה׃ ושמרתם ועשיתם כי הוא חכמתכם ובינתכם לעיני העמים אשר ישמעון את כל החקים האלה ואמרו רק עם חכם ונבון הגוי הגדול הזה׃ כי מי גוי גדול אשר לו אלהים קרבים אליו כיהוה אלהינו בכל קראנו אליו׃

(2) ותאמר אל המלך אמת היה הדבר אשר שמעתי בארצי על דבריך ועל חכמתך׃ ולא האמנתי לדברים עד אשר באתי ותראינה עיני והנה לא הגד לי החצי הרכפת חכמה ושוב אל השמועה אשר שמעתי׃ אשרי אנשיך אשרי עבדיך אלה העמדים לפניך תמיד השמעים את חכמתך׃ יהי יהוה אלהיך ברוך אשר חפץ בך לתתך על כסא ישראל באהבת יהוה את ישראל לעלם וישימך למלך לעשות משפט וצדקה׃

(3) ויבא אלישע דמשק ובן הדד מלך ארם חלה ויגד לו לאמר בא איש האלהים עד הנה׃ ויאמר המלך אל חזאל קח בידך מנחה ולך לקראת איש האלהים ודרשת את יהוה מאותו לאמר האחיה מחלי זה׃ וילך חזאל לקראתו ויקח מנחה בידו וכל טוב דמשק משא ארבעים גמל ויבא ויעמד לפניו ויאמר בנך בן הדד מלך ארם שלחני אליך לאמר האחיה מחלי זה׃ ויאמר אליו אלישע לך אמר לו חיה תחיה והראני יהוה כי מות ימות׃

(4) הנה ימים באים נאם יהוה וכרתי את בית ישראל ואת בית יהודה ברית חדשה׃ לא כברית אשר כרתי את אבותם ביום החזיקי בידם להוציאם מארץ מצרים אשר המה הפרו את בריתי ואנכי בעלתי בם נאם יהוה׃ כי זאת הברית אשר אכרת את בית ישראל אחרי הימים ההם נאם יהוה נתתי את תורתי בקרבם ועל לבם אכתבנה והייתי להם לאלהים והמה יהיו לי לעם׃ ולא ילמדו עוד איש את רעהו ואיש את אחיו לאמר דעו את יהוה כי כולם ידעו אותי למקטנם ועד גדולם נאם יהוה כי אסלח לעונם ולחטאתם לא אזכר עוד׃

דגש אחר שורק

II. Translate into Hebrew with the vowel points:—

But Peter, standing up with the eleven, lifted up his voice and said unto them: Ye men of Judea, and all ye that dwell at Jerusalem, be this known unto you, and hearken to my words: For these are not drunken as ye suppose, seeing it is but the third hour of the day. But this is that which was spoken by the prophet Joel: And it shall come to pass in the last days, saith God, I will pour out of my spirit upon all flesh; and your sons and your daughters shall prophesy, and your young men shall see visions, and your old men shall dream dreams: And on my servants and on my handmaidens I will pour out in those days of my spirit, and they shall prophesy: And I will show wonders in heaven above, and signs in the earth beneath; blood and fire and vapour of smoke: The sun shall be turned into darkness, and the moon into blood, before that great and notable day of the Lord come: And it shall come to pass that whosoever shall call on the name of the Lord shall be saved.

III. (1) State the main reasons for regarding the Pentateuch as a composite production.

(2) What are the component elements, how are they usually designated by critics, and what are their characteristics?

(3) Which of these are found in Genesis, and in what part of it?

IV. (1) What are the characteristics of Hebrew poetry? Why is it impossible to draw a line between prose and poetical books? Show how the accentual system follows the laws of the language in this connection.

(2) On what principle is the Psalter constructed? Mention outstanding features of different books or collections, especially of Book I.

V. (1) What are the kinds of evidence available for determining the date of the book of Joel?

(2) State the case for (*a*) the pre-exilian, and (*b*) the post-exilian date of composition, and sketch the historical situation on either supposition.

SECOND PAPER—Three Hours.

I. Translate *Genesis* XXXI. 36—43.

1. Parse וַיִּחַר and וַיָּרֶב (v. 36), אֶתְמֹנָה (v. 39), וַתְּדַד (v. 40).
2. Point out and explain irregular forms, if any, in the passage.
3. Explain the construction of זֶה לִּי עֶשְׂרִים שָׁנָה in v. 41.
4. In what different ways are the numerals (*a*) from 2 to 10, (*b*) from 20 to 90, and (*c*) numerals compounded with units, joined with substantives?
5. What is the force of the imperfects in v. 39?
6. Remark on כִּי עִתָּה in v. 42.

II. Translate *Psalm* XI.

1. In v. 1, which do you consider the more suitable reading, the Qri or the Ktib, and on what grounds?

2. Μεταναστεύου ἐπὶ τὸ ὄρη ὡς στρουθίον. How would you alter the Hebrew text to yield this rendering?

3. Remark on מִדְּבַר־פְּעֹר (v. 3) and יִצְטָר (v. 6).

4. Explain the tense usage in v. 2.

5. Mention and criticise the different renderings that have been proposed for הַשִּׁתִּים in v. 3.

6. To what different roots has פְּחִים (v. 6) been referred? What objection is there to connecting it with אֵשׁ?

7. Κύριος ἐξετάζει τὸν δίκαιον καὶ τὸν ἀσεβῆ· ὁ δὲ ἀγαπῶν ἀδικίαν μισεῖ τὴν ἑαυτοῦ ψυχήν. What alteration on the Hebrew text would be required to bring it into correspondence with this?

8. What renderings have been given of v. 7b?

III. Translate *Joël* II. 1—11.

1. To what does לוֹ in v. 3 refer?

2. Explain the syntax of עֵרוּךְ מִלְחָמָה (v. 5).

3. What is the Hebrew for "the men of war"?

4. Write a short explanatory note on כֹּל פָּנִים קִבְּצוּ פְאֹרוּר (v. 6).

5. What have been the different renderings given of וְגַם הַשֹּׁלֵחַ יִפְלוֹ לֹא יִבְצָעוּ (v. 8).

6. Parse יוּכַל (v. 2), יְרוּצוּן (v. 4), יִרְקֹדוּן (v. 5), יְחִילוּ (v. 6), יִשְׁקֹד (v. 9).

B.—DEPARTMENT OF MENTAL PHILOSOPHY.

LOGIC—THREE HOURS.

(*Not more than* TEN *questions to be attempted;* FOUR *at least to be taken from each division,* A *and* B).

A.

1. "Philosophy is the science of the phenomena of Consciousness." Discuss this.

2. "Philosophy depends on experience and can never go beyond it." In what sense is this true?

3. Enunciate and explain Descartes' first principle of knowledge. How did he reach it? What is its value?

4. Explain Descartes' view of the relation between Mind and External Nature, and point out any difficulties in his treatment.

5. In what respects does Berkeley agree with, and in what does he differ from, Locke's view of experience?

6. State and briefly criticise the several proofs of the existence of God offered by Descartes.

7. Show how Hume's view of the components of knowledge applies to the notions of (*a*) Self, (*b*) an independent external world.

8. Compare Touch and Sight in respect to their functions in External Perception.

9. In what sense does Descartes admit Innate Ideas? Sketch the general line of Locke's argument against Innate Ideas and Principles.

10. What are the most general laws of Association of Ideas? Illustrate, and discuss the possibility of reducing them to one fundamental form.

11. Briefly trace the growth of the General Idea, taking as illustration the notion of Number.

12. What is the essential feature of Nominalism? With what interpretation of the import of a judgment is it naturally connected?

B.

13. How are Logic and Psychology related to and distinguished from one another?

14. Explain what is meant by the Denotation and the Connotation of Terms. Discuss the law of their relation.

15. Explain and examine the view that the Concept, Judgment, and Reasoning are products of Comparison.

16. Give, where possible, the Contradictory, Contrary, Converse, and Contrapositive of the following:—

All is not gold that glitters.
Only the wise are prudent.
A friend in need is a friend indeed.

17. What are the valid forms of Hypothetical Syllogism? Why has Hypothetical Syllogism been regarded as a form of Immediate Inference?

18. Explain exactly the nature of the Fallacies of *Accident*, *Ignoratio Elenchi*, and *Petitio Principii*. What is meant by saying that an argument "proves too much"?

19. What is the exact nature (*a*) of Mill's criticism of the ordinary statement of Syllogism, (*b*) of his view regarding the function of Syllogism?

20. Explain and illustrate the Method of Agreement, and point out any defects in the working of it.

21. Summarize Berkeley's theory of Vision, and explain more in detail the grounds for the distinction ordinarily drawn between *real* and *apparent* Magnitude or Movement.

22. What views have been held regarding the nature of Attention? How far are they consistent with the special phenomena involved in the process of Attending?

23. Compare generally the psychological character of the processes of Perceiving and Thinking.

24. Construct a Syllogism (using symbols, S, M, P) in accordance with each of the following conditions, giving reasons where you think it invalid:—

(1) S, M, P are each distributed twice;
(2) M, P each distributed twice, S once;
(3) S, M each distributed twice, P once;
(4) S, P each distributed twice, M once;
(5) M distributed twice, S and P once;
(6) S distributed twice, M and P once;
(7) P distributed twice, S and M once;
(8) M distributed once, S and P not distributed;
(9) S, M, P each distributed once.

MORAL PHILOSOPHY—THREE HOURS.

(*All Candidates for the degree are required to answer not less than* TWO *nor more than* THREE *questions in section* A; *and not less than* SIX *nor more than* SEVEN *in either section* B *or section* C).

A.

1. Give a critical estimate of Plato's analogy between the individual and the state.
2. State and discuss the accounts of the origin of the state given in the *Republic* of Plato.
3. What views of the relation between *ideas* and *things* are to be found in the *Republic?* Estimate their value.
4. In what chief respects was Plato's conception of the ideal state marred by its peculiarly Greek qualities?
5. State and examine Plato's view of the Sophists.
6. Give an outline of the Platonic account of the way in which the aristocratic state degenerates into despotism.

B. FOR STUDENTS OF SESSIONS 1894-95 AND 1895-96.

1. Discuss the view that the theory of moral conduct can proceed without respect (1) to the question of freedom, (2) to ultimate metaphysical problems.
2. In what ways are the practical and the theoretical ideals of man analogous to each other?
3. State and examine the Determinist doctrine of the relation of man to nature.
4. "We infer the existence and the nature of objects from the phenomena of our own consciousness." Discuss this, and indicate its bearing on ethical theory.
5. State and examine the views of Hume and of Kant regarding the relation of reason and passion.
6. "Morality is essentially a social science." Explain and examine this statement.
7. Indicate the main defects of Mill's theory of morals.
8. Give a critical account of the chief moral tenets of Dr. Martineau.
9. Explain and examine Kant's three expressions of the moral imperative.

C. For Students of any Session *before* 1894-95.

1. Is ethics a "practical" or a "theoretical" science? Discuss.
2. What is the relation of morality (*a*) to knowledge, (*b*) to habit? State and discuss views.
3. "The Moral Consciousness is the product of Association." Explain and criticise this statement.
4. What do you understand by the Empirical view of knowledge? Do you regard Spencer as an Empiricist?
5. What is the Individualistic view of ethics? Discuss its difficulties, showing how they can be overcome.
6. Is it possible to reconcile Egoism and Altruism? Examine Spencer's view.
7. "Society is an imperfect organism." Explain and criticise this statement.
8. State and discuss the main principles of Stoicism.
9. What is the Hedonistic Calculus? Why should such a calculus be associated with Hedonism in particular?
10. Can the Hedonist be also an Intuitionist?
11. Criticise Kant's first formula for the moral law, and compare it with the third.
12. What is meant by Determinism? Discuss.
13. "Motives make us free." Explain this and show its bearing on the question of human freedom.
14. What is the relation (*a*) of appetite, (*b*) of desire, to the moral life?
15. What view of society is consistent (*a*) with Egoistic Hedonism, (*b*) with Utilitarianism?
16. State and criticise the social contract theory.
17. Estimate the difficulties of socialism from a moral point of view.
18. What is the relation of the Family to the State? Examine Plato's view.
19. Compare Comte's view of Religion with Christianity.
20. Give and discuss the main views as to the nature of penal justice.

POLITICAL ECONOMY—Three Hours.

For Students of Session 1895-96 only.

1. What is the relation of Cost of Production to Supply and Demand in the theory of value?
2. Discuss the two sides of the National Dividend—as Supply and as Demand.
3. Describe the historical course of Rent, Wages, Interest, in a new country like Australia.
4. Which classes have gained, and which suffered, by the late fall in prices?
5. Examine the fallacy of the Fixed Work Fund, and indicate some of the shapes it takes, either in popular belief or in Trade Union regulation.

6. What distinction does Marshall make between Rent, Quasi-rent, and Profits?

7. Give some account of the currency system in France since 1803.

8. "No government should be trusted to issue paper money." Explain, illustrate, and criticise.

9. "Most men earn just about what they are worth." What are the economic forces which tend to make this approximately true?

10. "England buys from abroad about £160,000,000 more than she sells." What body of facts is this statement based on, and how would you answer it?

11. "It is a pretty well established principle that the extent of the demand for commodities determines business prosperity. It is equally clear that this demand is governed by the consumption of wealth by the masses, and that this consumption is determined by the general standard of living in the community. Therefore whatever tends to develop that standard of living tends to promote the sale of commodities and thus to increase production. Therefore it is necessary to raise the standard of wages to increase production." (R. B. Cunninghame Graham.) Discuss this.

12. "It cannot be too often repeated that cheap goods spell cheap labour; for, when any kind of goods are bought, it is really human labour that is bought." (Edwin Burgis.) Examine this statement.

(EIGHT *questions only need be answered.*)

EDUCATION.

FIRST PAPER—THREE HOURS.

THEORY OF EDUCATION.

1. Define the term "Psychology," and indicate the importance of a knowledge of this subject to the teacher.

2. Define "Subjective Psychology," "Objective Psychology," and "Neurology"; and give illustrations of your definitions.

3. What is the function of *attention* in acquiring knowledge? State the other mental processes in which it is a necessary factor.

4. "The senses are the gateways of knowledge." Expand this statement, and classify the senses in the order of their intellectual importance.

5. Give a definition of Cram, and discuss (from the point of view of your definition) the use of this term in popular language.

6. What is meant by "The Association of Ideas"? State the chief laws of this association. Give an instance of the way in which these laws may be utilised by the teacher.

7. Point out the importance of attention to discipline in the management of a school. State one or two tests, which occur to you, for deciding whether the discipline of a school is good, inferior, or bad.

8. "Cultivate the Imagination." In what various ways may this be done? Point out the value of cultivating the imagination, and the good results you expect from the process.

SECOND PAPER—Three Hours.

A. Methods of Education.

1. What method would you adopt in teaching children of ten years of age to spell? How would you proceed in the case of those pupils who fell behind their classmates in this subject?

2. How would you apportion a school day of five hours in the teaching of the ordinary branches to a class of pupils of twelve years of age? Give the reasons which guide you in the division of your time.

3. State the arguments which have been urged for and against the retention of History as a subject of the curriculum in the common school.

4. State the various principles which, according to Spencer, ought to be observed in the intellectual education of a child. Give the substance of his remarks on the principle that "Our lessons ought to start from the concrete and end in the abstract."

B. History of Education.

1. State briefly the contributions which Comenius made to the science and practice of education.

2. Indicate the position assigned by Locke to the physical training of the child.

3. Give some account of the influence of Pestalozzi on educational methods.

4. Give a brief account of the peculiarities of a Kindergarten school as set forth by Froebel.

PHILOSOPHY OF LAW—See Jurisprudence, p. 493.

C.—DEPARTMENT OF SCIENCE.

MATHEMATICS.

FIRST PAPER—Three Hours.

(*Candidates under the New Regulations are requested to omit Question* 2 *and to take Question* 12 *instead.*)

1. Show that if two angles of a triangle be equal, it is isosceles.

ACB, ADB are two triangles on the same side of AB, such that AC = BD and AD = BC, and AD, BC intersect at O. Show that the triangle COD is isosceles.

2. If two triangles have two angles of the one equal to two angles of the other, and the side adjacent to the angles in the one equal to the side adjacent to the angles in the other, show that the two triangles are equal in all respects.

ABCD is a square, O is its middle point, POQ is drawn cutting AB in P and CD in Q, ROS is drawn at right angles to POQ cutting BC in R and AD in S. Show that OP, OQ, OR, OS are all equal.

3. In a parallelogram show that the opposite sides are equal and the diagonals bisect each other.

OA, OB are two given lines meeting in O, P is a point between them, draw a line through P terminated by OA and OB which is bisected at P.

4. Prove that the complements of the parallelograms which are about the diameter of any parallelogram are equal to one another.

5. Divide a given straight line AB into two parts at C, such that the rectangle contained by AB, AC is equal to the square on BC.

6. Draw a tangent to a given circle from a given point outside it.

Show, from your construction, that two tangents can be drawn and that they are of equal length.

7. Prove that in equal circles equal straight lines cut off equal arcs, the greater equal to the greater, and the less equal to the less.

AB, CD are two equal chords in a circle, drawn so that they do not intersect inside the circle, but AD, BC do. Show that AD and BC are equal, and AC, BD are parallel.

8. If from any point without a circle two straight lines be drawn, one of which cuts the circle, and the other touches it, prove that the rectangle contained by the whole line which cuts the circle, and the part of it without the circle, is equal to the square on the line which touches it.

In a triangle ABC the side BC is bisected at D, through D a line is drawn at right angles to BC, and any point P is taken on it. With centre P a circle is described so as to pass through A, cutting AB, AC, produced if necessary, in M, N respectively. Show that the rectangle contained by CN, CA is equal to that contained by BM, BA.

9. Show how to describe a circle about a given triangle, and distinguish between the cases when the centre of the circle is inside the triangle, on a side of it, or outside it.

10. Show that triangles of the same altitude are to one another as their bases.

Hence, or otherwise, show that triangles on the same base are to one another as their altitudes.

11. Prove that similar triangles are to one another in the duplicate ratio of their homologous sides.

(*For Candidates under New Regulations only.*)

12. Show how to draw a straight line perpendicular to a given plane, from a given point without it.

If a series of equal straight lines are drawn to a plane from a given point outside it, show that their extremities lie on a circle.

SECOND PAPER—THREE HOURS.

(*Question 9 is for Candidates under the Old Regulations only, Question 9' for those under the New Regulations only.*)

1. Divide $105a^5 + 2a^3b - 59a^2b^3 - 3a^2b^3 + 14ab^4 - 3b^5$ by $5a - 3b$.

2. Find the G.C.M. of

$$x^4 - 2x^2 + 9, \quad 4x^3 + 11x^2 + 18x + 9.$$

3. $7x^2+22xy+3y^2+52x+16y+21$ may be expressed as the difference of the squares of two quantities, one of which is $4x+2y+5$; hence break it up into two factors.

4. Simplify $$\frac{x}{x-a}-\frac{x}{x+a}-\frac{\dfrac{x+a}{x-a}-\dfrac{x-a}{x+a}}{\dfrac{x+a}{x-a}+\dfrac{x-a}{x+a}},$$

and show that $\dfrac{x^4}{a^2b^2}+\dfrac{(x^2-a^2)^2}{a^2(a^2-b^2)}+\dfrac{(x^2-b^2)^2}{b^2(b^2-a^2)}$ is independent of x.

5. Solve the equations:—

(i.) $x-\{5-(x-2)(8-x)\}=9(x-5)+x^2$,

(ii.) $\dfrac{2}{x+1}+\dfrac{7}{x-2}+\dfrac{5(x+7)}{(x+1)(x-2)}=4-\dfrac{4x-26}{x-2}$,

(iii.) $\dfrac{3x-y}{11}=\dfrac{4x+z}{7}=\dfrac{y-9z}{4}=2x+y+2$.

6. A company dining together at an inn find that their bill amounts to £11 19s. 3d.: four are not allowed to pay, and the rest find that their shares are one shilling more than if all had paid; find the number of men in the company.

7. Solve the equations:—

(i.) $\left.\begin{aligned}3x^2+2xy+\ y^2&=17\\ x^2-2xy+5y^2&=\ 5\end{aligned}\right\}$,

(ii.) $\sqrt{2x+7}-\sqrt{x-5}=\sqrt{x-12}$.

and discuss your solution of the latter.

8. In an Arithmetical Progression prove that $S=\frac{1}{2}n\{2a+(n-1)d\}$ in the usual notation.

Show that every alternate term in an A.P. is a term in another A.P., and that if n, the number of terms in an A.P., be odd, s be the sum of this A.P., and s' the sum of the A.P. formed by every alternate term of this beginning with the first, $(n+1)s=2ns'$.

9. Write down the expansion of $(1+x)^n$ when n is a positive integer, and find which is the greatest term.

9′. Assuming that $e^x=1+\dfrac{x}{1!}+\dfrac{x^2}{2!}+\ldots$ holds for all values of x, deduce the expansion of $\log(1+y)$ in ascending powers of y. Point out in the proof where the restriction on the value of y, so that this expansion may hold, comes in.

10. Define the tangent and secant of an angle in general, and show that $\sec^2\theta=1+\tan^2\theta$, θ being an angle.

Prove that $\dfrac{1-\sin\theta}{1+\sin\theta}=1+2\tan\theta(\tan\theta-\sec\theta)$.

11. Prove geometrically or otherwise that, if θ be less than 90°,

$$\tan\tfrac{1}{2}\theta=\frac{\sin\theta}{1+\cos\theta}.$$

Deduce that $\cos\theta=2\cos^2\frac{1}{2}\theta-1$, and hence find the trigonometrical ratios for the angle $22\frac{1}{2}^\circ$.

12. Prove that $\sin(A+B) = \sin A \cos B + \cos A \sin B$, wh $A+B$ are all less than 90°. Deduce sin 75°.

13. In any triangle ABC show that

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C},$$

and that $c = a \cos B + b \cos A$.

If AD be drawn perpendicular to BC, and DE perpendicular to AC, show that $BE^2 = c^2\{\sin^2 A + \cos^2 B \cos^2 C\}$.

14. Sketch out the solution of a triangle when we are given two sides and the included angle, these values being such that we require to use logarithms. If we do not require to do so, in what manner could we otherwise proceed?

NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Assuming the theorem called the "Parallelogram of Forces" to be true for the direction of the resultant, prove that it is true for the magnitude also.

Show that the resultant of two equal forces acting at an angle of 120° is equal to either of them.

ABC, ABD are equilateral triangles on opposite sides of the same base AB. Forces of 2, 3, 5 lbs. weight act respectively along AC, CB, BA. Prove that their resultant passes through D.

2. Find the resultant in magnitude and position of two like parallel forces.

Show that the algebraic sum of their moments round any point between them is equal to the moment of their resultant round the same point.

3. Find the position of the centre of gravity of a uniform triangular lamina, and show that it is the same as that of three equal masses placed at the middle points of the sides.

From an equilateral triangle with side of length 3 feet an equilateral triangle with the same vertex and side one foot long is cut away; find the centre of gravity of the remaining area.

4. What do we mean by Friction being a passive force? Define Limiting Friction, and state the laws about its magnitude.

A body, of weight 20 lbs., rests on a rough plane inclined at an angle of 30° to the horizon, the coefficient of friction being $\frac{1}{\sqrt{3}}$. Find the force of friction when a force of (1) 3 lbs. weight, (2) 20 lbs. weight, is acting up the plane, and what happens if greater force is acting?

5. Define acceleration, giving your unit, and state clearly what we mean when we say an acceleration is 20.

A body is projected downwards under gravity with a velocity of 16 feet per second. Taking the acceleration due to gravity as 32 foot-

second units of acceleration, find how far it must fall to obtain a velocity of 25 feet per second, and how long it will take to fall through 5 feet. In solving the latter directly, what meaning can be given to the negative root obtained?

6. Two masses, m_1, m_2, are hung by a cord over a smooth pulley. Find the acceleration of the system. Quote the law you use in your proof.

In an Atwood's machine each of the equal masses is 19 lbs., and the inertia equivalent of the wheel-work is 9 lbs. A mass of 1 lb. is added to one of the equal masses, and the system moves from rest through a distance 12 feet; at this point the 1 lb. is lifted off, and the system is noted to move through the next 12 feet in 3 seconds. Find the value of "g" at the place of observation.

7. A body moves with uniform velocity in a circle. Find the centrifugal force acting on it.

A body of mass m, hung by a string of length l, moves uniformly in a horizontal circle, performing a complete revolution in n seconds. Show that the tension of the string is $4\pi^2 ml/n^2$.

8. A uniform cylinder is allowed to roll down an inclined plane without sliding, and after rolling down a certain distance acquires a velocity v. If now the plane were smooth and the body were allowed to slide down this distance, show that it would acquire a velocity u where $3v^2 = 2u^2$.

9. State Archimedes' principle in connection with a floating body.

Water floats upon mercury (specific gravity 13), and a mass of platinum (specific gravity 21) is suspended by a string so that half its volume is immersed in the mercury and half in the water. Show that the tension of the string is two-thirds the weight of the platinum.

10. State Boyle's Law about the pressure of a gas, and describe an experimental proof of it.

Two quarts of a gas at a pressure of 30 pounds on the square inch, and three quarts at a pressure of 20 pounds, are forced into a quart vessel. Show that the pressure will be 120 pounds on the square inch.

11. State Hooke's Law in connection with Elasticity, and define Resilience. Give an expression for the resilience in any case where Hooke's Law holds, and hence express the resilience per unit of volume of a wire subjected to end-pull in terms of the Young's modulus for the wire, and the expansion per unit length.

SECOND PAPER—Three Hours.

1. Define "Height of the Homogeneous Atmosphere." State the law of the Newtonian velocity of sound in a gas. How is the velocity affected by temperature or pressure of the gas? How does the Newtonian velocity differ from the actual velocity? What is the reason of the want of agreement?

Find the velocity of sound in hydrogen at 0° C. Density of hydrogen is $\frac{1}{14\cdot 47}$ of that of air at the same temperature and pressure.

2. Define a "modulus of Elasticity." Define Young's modulus. Define "length" of the modulus. Name the modulus of elasticity for a liquid. Find the length modulus for water.

3. What is meant by endosmose? Describe experiments to show endosmose of liquids and of gases. Describe the process of dialysis.

4. Describe a constant volume air thermometer. Explain exactly how temperatures Centigrade are defined by means of it. Define Freezing Point, Boiling Point, and 27° C.

5. Find how much heat is conducted in an hour across a plate of copper 3·5 centimetres thick and 1 metre square, the two sides differing by 16° C.

6. State Newton's law of cooling. Define emissivity of a surface for heat.

A metallic globe at 150°, hung in an enclosure at 10°, is found to cool down to 147° in one minute. Find the temperature at the end of half-an-hour.

7. Define a musical note. Explain the "beats" heard when two notes not in perfect unison are sounded together. Describe the method of ascertaining the number of vibrations made by an organ pipe by means of the siren.

8. Describe the vibrations of the air in an organ pipe sounding its fundamental note and its first and second harmonics:

(1) Organ pipe open at both ends,
(2) Closed at one end.

9. Describe the reflecting polariscope, and define "plane of polarisation." Distinguish between plane polarised, circularly polarised, and ordinary non-polarised light.

10. Describe the arrangements necessary for obtaining a "pure spectrum." Describe the spectrum (1) of an incandescent solid or liquid, (2) of an incandescent gas, (3) of the sun. Explain the appearance presented by the solar spectrum.

11. Describe the construction and mode of using the tangent galvanometer. Prove that the current is proportional to the tangent of the angle of deflection. Define Ohm, Volt, Ampere, Coulomb.

12. State Ohm's law. Describe the arrangement known as Wheatstone's Bridge, and prove the relation between the resistances which constitute the main arms of the bridge. Three Daniell's cells are used in series to send a current through a circuit in which the total resistance is 6·5 ohms. Find how much copper is deposited in each cell.

ASTRONOMY—Two Hours and a Half.

1. (*a*) Draw the celestial sphere for latitude 30° at sidereal time 11 hours, and enter the position of a star of right ascension 9 h., declination −20°. Give the approximate hour angle, azimuth and zenith distance, longitude and latitude of the star.

(*b*) On which day of the year will a star of right ascension 9 h. and declination −20° be on the meridian at 7 o'clock, local apparent solar time?

2. (*a*) What kind of observations have to be made for the determination of the latitude, and of the constant of refraction?

(*b*) Give the approximate right ascension and declination of the moon at first quarter in June.

3. (*a*) If a 6th magnitude star is just visible to the naked eye, find the magnitude of stars at the limit of visibility in a telescope of 40 inches aperture. Diameter of the pupil of the eye = 0·2 inches.

(*b*) Describe the transit instrument, and define, with the aid of diagrams, the errors which must be taken into account in the reductions.

(*c*) Calculate the length of the divisions of a vernier which allows a circle divided at intervals of 5′ to be read to 10″.

4. (*a*) Define mean equinox and true equinox belonging to time *t*, and enter in a diagram of the celestial sphere the luni-solar precession, the planetary precession, and the general precession.

(*b*) Draw the celestial sphere for a place at latitude 60° and enter for sidereal time 23 h., the position of a comet whose observed right ascension $\alpha = 8$ h , and declination $\delta = +45°$. Give the great circle in which this position would be displaced if the diagram referred to the earth's centre.

5. (*a*) Express the distance of the sun from the earth in units
(*a*) of the semi-diameter of the earth's equator,
(*b*) of the mean distance of the earth from the moon.

Take lunar parallax = 3600″
,, solar parallax = 9″.

(*b*) Define longitude on the earth and prove that Greenwich sidereal or solar time differs from Glasgow sidereal or solar time by the difference of longitude.

6. (*a*) Draw a diagram of the celestial sphere which contains the Glasgow and Greenwich meridians, and express Greenwich mean time by Glasgow sidereal time.

(*b*) The length of the tropical year is 365·2422 mean solar days and 366·2422 sidereal days. Why is the fraction exactly the same?

7. (*a*) Construct for the mean anomaly $M = 30°$ the position of a comet in its elliptical orbit, the eccentricity of the ellipse being = 0·75?

(*b*) Derive Kepler's equation ($E - e \sin E = M$) from the first two of Kepler's Laws.

8. (*a*) Explain a method which Kepler employed in deriving the distance of Mars in units of the earth's circular orbit.

(*b*) Draw in a diagram of the celestial sphere the great circle in which the true position of a star is displaced owing to aberration, and derive the relation between the true and the apparent directions.

9. (*a*) What is the linear velocity, in units of that of the earth, of a meteor when it enters the earth's atmosphere, on the assumption that it moves in a parabola.

(*b*) A body moving in a circle round the sun is suddenly deviated from its course. Construct the new orbit on the assumption that the angle enclosed by the radius vector and the direction of motion is reduced from 90° to 30°.

CHEMISTRY—See p. 479.
ZOOLOGY—See p. 480.
BOTANY—See p. 479.

D.—DEPARTMENT OF HISTORY AND LAW.

HISTORY.

I. BRITISH HISTORY TO 1603.

(*Not more than* EIGHT *questions should be attempted.*)

1. How far can any permanent results be attributed to the Roman occupation of Britain?

2. Explain the following terms:—Witenagemot, hundred, manor, frankpledge, assize, *curia regis*, chancery.

3. Estimate the influence of the Norman conquest of England upon the history of Scotland.

4. Where are the following places, and what events are connected with them:—Northallerton, Falaise, Norham, Falkirk, Harfleur, Troyes, Orleans, Tewkesbury, Fotheringhay?

5. How do you account for Edward I.'s success in Wales as compared with the failure of his policy in Scotland?

6. Compare the composition of the "Model Parliament" of 1295 with that of parliament under Richard II., and account for the difference.

7. Can you trace in the policy of the Scottish kings, from James I. to James V., any consistent efforts to advance the power of the crown?

8. Explain the importance of the Black Death of 1349, especially from the social and economic point of view.

9. Account for the failure of the English under Henry VI. to retain their provinces in France.

10. What were the general conditions in England which enabled Henry VIII. to rule absolutely?

11. Point out some of the most notable differences between the character and the results of the Reformation in England and Scotland respectively.

12. What general explanation may be given of the rapid development of English literature in the age of Elizabeth?

II. BRITISH HISTORY TO 1815.

(*Not more than* EIGHT *questions should be attempted.*)

1. How did James VI.'s accession to the English throne affect his power and position in Scotland? Describe his policy in Scotland after 1603.

2. Account for the subservience of the English judges under James I. and Charles I. How far was it advantageous to the crown?

3. Draw a sketch map of England and mark on it (1) the general distribution of parties in 1643, and (2) the position of the following battlefields: Newburn, Edgehill, Roundway Down, Marston Moor, Naseby, Preston, Worcester, Sedgemoor. Note briefly the occasion on which each battle was fought.

4. How far did the Restoration of 1660 completely undo the work of the Long Parliament and the Great Rebellion?

5. Discuss the character and aims of the first Earl of Shaftesbury.

6. Examine the part played by the Whig and Tory parties respectively in (1) effecting, and (2) directing the Revolution of 1688-9.

7. Trace and account for the subsidence of the discontent excited in Scotland by the Act of Union.

8. Give a short account of the Methuen Treaty, the Peerage Bill, the Drapier's Letters, the Boston Port Act, and Fox's India Bill.

9. Compare the Methodist movement, in relation to Church and State, with the earlier Puritanism.

10. How far did the American Revolt and the French Revolution respectively advance or retard the progress of Parliamentary Reform?

11. Compare and contrast, in their significance and bearings, the nearly contemporaneous movements connected with the names of John Wilkes and Lord George Gordon.

12. Writing in January, 1793, Burns said:—"War I deprecate. Misery and ruin to thousands are in the blast that announces the destructive demon." Discuss this sentiment in contrast to the anti-Gallican policy adopted by England and her allies.

13. Estimate the importance of the so-called "Continental System" in contributing to the ultimate failure of Napoleon.

ROMAN LAW—See Civil Law, p. 487.
PUBLIC LAW—See p. 490.

II.—FOR DEGREE OF M.A. WITH HONOURS.

(And for Snell Exhibition, April, 1896.)

A.—GROUP OF CLASSICS.

LATIN TRANSLATION—THREE HOURS.

1. Translate:—
   (*a*) Virg. *Aen.* XI. 100—9.
   (*b*) Hor. *Sat.* I. 10, 21—30.

2. Translate any *two* of the following passages:—
   (*a*) Lucr. II. 95—111.
   (*b*) Juv. XIV. 15—25.
   (*c*) Pers. VI. 1—8.
   (*d*) Catull. 68, 121—30.

3. Translate *three* of the following passages:—
   (*a*) Cic. *Phil.* V. 3.
   (*b*) Cic. *Sest.* 36.
   (*c*) Cic. *Epp. Att.* XIII. 12.
   (*d*) Liv. III. 56.
   (*e*) Liv. XXIII. 37.
   (*f*) Tac. *Ann.* IV. 33.

4. Translate the following unseen passage :—

Sabinus ille, quem videtis, hospites,
Ait fuisse mulio celerrimus,
Neque ullius volantis impetum cisi
Nequisse praeterire, sive Mantuam
Opus foret volare, sive Brixiam.
Neque hoc negat Tryphonis aemuli domus
Negare nobilem, insulamve Caeruli :
Ubi iste, post Sabinus, ante Quinctio
Bidente dicit attondisse forfice
Comata colla, neque sordidum, iugo
Premente, dura vulnus ederet iuba.
Cremona frigida, et lutosa Gallia,
Tibi haec fuisse, et esse, cognitissima
Ait Sabinus : ultima ex origine
Tua stetisse dicit in voragine,
Tua in palude deposuisse sarcinas
Et inde tot per orbitosa millia
Iugum tulisse ; laeva, sive dextera,
Strigare mulas, sive utrimque coeperat.
Neque ulla vota semitalibus deis
Sibi esse facta, praeter hoc novissimum,
Paterna lora, proximumque pectinem.
Sed haec prius fuere ; nunc eburnea
Sedetque sede, seque dedicat tibi,
Gemelle Castor, et Gemelle Castoris.

LATIN PROSE—Three Hours.

You are now settled for some time at Rome : the principal object of your stay there is the knowledge of books and sciences ; which if you do not, by attention and application, make yourself master of while you are there, you will be ignorant of them all the rest of your life ; and take my word for it, a life of ignorance is not only a very contemptible, but a very tiresome one. Redouble your attention then in your private studies of the Literae Humaniores, especially Greek. State your difficulties whenever you have any, and do not suppress them, either from mistaken shame, lazy indifference, or in order to have done the sooner ; let nothing pass till you are sure that you understand it thoroughly ; and accustom yourself to write down the capital points of what you learn. When you have thus usefully employed your mornings, you may with a safe conscience divert yourself in the evenings, and make those evenings very useful too, by passing them in good company, and by observation and attention learning as much of the world as Rome can teach you. You will observe and imitate the manners of the people of the best fashion there ; not that they are (it may be) the best manners in the world ; but because they are the best manners of the place where you are, to which a man of sense always conforms.—*Lord Chesterfield's Letters*, 1747.

LATIN GENERAL PAPER—One Hour and a Half.

1. Translate, with notes on syntax, reading, or allusions :—

(*a*) Usque adeone mori miserum est? Vos o mihi Manes
Este boni, quoniam Superis aversa voluntas.
Sancta ad vos anima, atque istius inscia culpae
Descendam, magnorum haud umquam indignus avorum.—Virg.

(*b*) Temperat Archilochi Musam pede mascula Sappho,
Temperat Alcaeus, sed rebus et ordine dispar,
Nec socerum quaerit quem versibus oblinat atris,
Nec sponsae laqueum famoso carmine nectit.—Hor. *Epp.*

(*c*) Non ego te, candide Bassareu,
Invitum quatiam, nec variis obsita frondibus
Sub divum rapiam.—Hor. *Odes.*

(*d*) Non ego sum pollucta pago : potin ut me apstineas
manum?—Plaut. *Rud.*

(*e*) Qui eam perdidit?
Publicisne adfinis fuit an maritumis negotiis?
Mercaturan', an venalis habuit, ubi rem perdidit?—Plaut. *Trin.*

(*f*) Duceris planta, velut ictus ab Hercule Cacus,
Et ponere foris, si quid temptaveris umquam
Hiscere, tamquam habeas tria nomina.—Juv.

(*g*) Credas Alcinoi pios penates
Aut facti modo divitis Moloechi.—Mart.

(*h*) Contra Vitellius ac Veranius ceterique Germanicum comitati tendebant, nullas esse partis Trioni; neque se accusatores, sed rerum indices et testes mandata Germanici perlaturos. Ille dimissa eius causae delatione, ut priorem vitam accusaret obtinuit, petitumque est a principe cognitionem exciperet.—Tac.

2. Illustrate from your books or from other sources the treatment of the supernatural by Roman poets and prose writers.

3. What information have we as to the meals of the Romans? Give illustrations from your books.

4. Give some account of :—Pollio, Varius, Messalla, Manilius, Valerius Flaccus.

5. What means have we of determining the pronunciation of C, V, J in Latin?

6. "Democracy and Liberty." How far can Roman History be used to illustrate the relation between the above ideas? Using those terms in their modern sense, how far can we say that either existed under the constitution of Republican or Imperial Rome?

7. Illustrate what you conceive to be the essential characteristics of the best Greek and Roman Literature respectively, by reference to the books which you have professed.

GREEK TRANSLATION—Three Hours.

(*Candidates must not select for translation a passage from their Special Books.*)

1. Translate *one* of the following passages :—

(*a*) Homer, *Il.* XVIII. 468—477.

(*b*) Homer, *Od.* V. 465—473.

2. Translate *two* of the following :—
   (*a*) Aesch. *Cho.* 183—191.
   (*b*) Aesch. *Eum.* 490—498.
   (*c*) Soph. *Oed. Tyr.* 168—177.
   (*d*) Eurip. *Iph. Aul.* 1080-1091.
   (*e*) Apoll. Rhod. III. 1104—1111.
   (*f*) Theocr. XI. 7—18.
3. Translate *two* of the following :—
   (*a*) Thuc. I. 133.
   (*b*) Thuc. V. 103.
   (*c*) Thuc. VII. 64.
   (*d*) Plato, *Phaedo*, 35.
4. Translate the following unseen passage :—

Οἰδίπους, φαμέν, ἀτιμασθεὶς ἐπεύξατο τοῖς αὑτοῦ τέκνοις ἃ δὴ καὶ πᾶς ὑμνεῖ τέλεα καὶ ἐπήκοα γενέσθαι παρὰ θεῶν, Ἀμύντορά τε Φοίνικι τῷ ἑαυτοῦ ἐπαράσασθαι παιδὶ θυμωθέντα καὶ Ἱππολύτῳ Θησέα καὶ ἑτέρους ἄλλοις μυρίους μυρίοις, ὧν γέγονε σαφὲς ἐπηκόους εἶναι γονεῦσι πρὸς τέκνα θεούς· ἀραῖος γὰρ γονεὺς ἐκγόνοις ὡς οὐδεὶς ἕτερος ἄλλοις, δικαιότατα. μὴ δή τις ἀτιμαζομένῳ μὲν διαφερόντως πατρὶ πρὸς παίδων καὶ μετρὶ θεὸν ἐπήκοον εὐχαῖς ἡγείσθω γίγνεσθαι κατὰ φύσιν· τιμωμένῳ δὲ ἄρα καὶ περιχαρεῖ σφόδρα γενομένῳ, καὶ διὰ τὰ τοιαῦτα εὐχαῖς λιπαρῶς εἰς ἀγαθὰ τοῖς παισὶ παρακαλοῦντος θεούς, οὐκ ἄρα τὰ τοιαῦτα ἀκούειν ἐξ ἴσου καὶ νέμειν ἡμῖν αὐτοὺς ἡγησόμεθα ; ἀλλ' οὐκ ἄν ποτε δίκαιοι νομεῖς εἶεν ἀγαθῶν, ὃ δή φαμεν ἥκιστα θεοῖς εἶναι πρέπον.

GREEK PROSE—THREE HOURS.

And here I must press one observation upon your lordships : I do not know a greater insult that can be offered to a man born to command than to find himself made the tool of a set of obscure men, come from an unknown country, without anything to distinguish them but an usurped power. Never shall I, out of compliment to any persons, because they happen to be my own countrymen, disguise my feelings, or renounce the dictates of Nature and of humanity. If we send out obscure people, unknowing and unknown, to exercise such acts as these, I must say it is a bitter aggravation of the victim's suffering. Oppression and robbery are at all times evils ; but they are more bearable, when exercised by persons whom we have been habituated to regard with awe, and to whom mankind for ages have been accustomed to bow.

Now, does the history of tyranny furnish, does the history of popular violence deposing kings furnish, anything like the dreadful deposition of this prince, and the cruel and abominable tyranny that has been exercised over him? You see here a monarch deposed in effect, by persons pretending to be his allies, and assigning what are pretended to be his wishes as the motive for using his usurped authority in the execution of these acts of violence against his own family and his subjects.—BURKE, *Warren Hastings*.

GREEK GENERAL PAPER—One Hour and a Half.

1. Translate with brief notes the passages in *three* of the following sections :—

A.

(*a*) Θάνατος δέ τοι ἐξ ἁλὸς αὐτῷ
ἀβληχρὸς μάλα τοῖος ἐλεύσεται, ὅς κέ σε πέφνῃ
γήρᾳ ὕπο λιπαρῷ ἀρημένον.

(*b*) Ἔνθα μὲν εἰς Ἀχέροντα Πυριφλεγέθων τε ῥέουσιν
Κώκυτός θ', ὃς δὴ Στυγὸς ὕδατός ἐστιν ἀπορρώξ.

Homer, *Od.*

B.

(*a*) Εἰδὼς λέγοιμ' ἄν· εὖ γὰρ ἐξεπίσταμαι
ὁμιλίας κάτοπτρον, εἴδωλον σκιᾶς,
δοκοῦντας εἶναι κάρτα πρευμενεῖς ἐμοί.
μόνος δ' Ὀδυσσεύς, ὥσπερ οὐχ ἑκὼν ἔπλει,
ξευχθεὶς ἕτοιμος ἦν ἐμοὶ σειραφόρος.

(*b*) Βιάζεται δ' ὁμοσπόροις ἐπιρροαῖσιν αἱμάτων
μέλας Ἄρης· ὅποι δὲ καὶ προβαίνων
πάχνᾳ κουροβόρῳ παρέξει.

Aesch. *Agam.*

C.

(*a*) ΟΡ. Καὶ πῶς ἄτρωτον οὐθαρ ἦν ὑπὸ στύγους ;
ΧΟ. ὥστ' ἐν γάλακτι θρόμβον αἵματος σπάσαι.
ΟΡ. οὗτοι μάταιον ἀνδρὸς ὄψανον πέλει.

(*b*) ΟΡ. Εὔχου τὰ λοιπά, τοῖς θεοῖς τελεσφόρους
εὐχὰς ἐπαγγέλλουσα, τυγχάνειν καλῶς.
ΗΛ. ἐπεὶ τί νῦν ἔκατι δαιμόνων κυρῶ ;
ΟΡ. εἰς ὄψιν ἥκεις ὥνπερ ἐξηύχου πάλαι.
ΗΛ. καὶ τίνα σύνοισθά μοι καλουμένῃ βροτῶν ;
ΟΡ. ξύνοιδ' Ὀρέστην πολλά σ' ἐκπαγλουμένην.
ΗΛ. καὶ πρὸς τί δῆτα τυγχάνω κατευγμάτων ;

Aesch. *Cho.*

D.

(*a*) Τί δ', ὦ ταλαῖφρον, εἰ τάδ' ἐν τούτοις, ἐγώ
λύουσ' ἂν ἢ 'φάπτουσα προσθείμην πλέον ;

(*b*) Ἃ δὲ σπέρμα μὲν ἀρχαιογόνων
ἄνταν' Ἐρεχθειδᾶν,
τηλεπόροις δ' ἐν ἄντροις
τράφῃ θυέλλαισιν ἐν πατρῴαις
Βορεὰς ἅμιππος ὀρθόποδος ὑπὲρ πάγου
θεῶν παῖς· ἀλλὰ κἀπ' ἐκείνᾳ
Μοῖραι μακραίωνες ἔσχον, ὦ παῖ.

Soph. *Ant.*

E.

(*a*) Ὡς ὅλοιτο παγκάκως
ἥτις πρὸς ἄνδρας ἤρξατ' αἰσχύνειν λέχη
πρώτη θυραίους· ἐκ δὲ γενναίων δόμων
τόδ' ἦρξε θηλείαισι γίγνεσθαι κακόν.
(*b*) Φεῦ, φεῦ· τόδ' αὖ νεοχμὸν ἐκδοχαῖς
ἐπιφέρει θεὸς κακόν. ἐμοὶ μὲν οὖν ἀβίοτος βίου
τύχα πρὸς τὸ κρανθὲν εἴη τυχεῖν. EUR. *Hipp.*

F.

(*a*) Καὶ ἔμελλον ἐπὶ μεῖζον χωρήσαντος αὐτοῦ καὶ ἀντίπαλα καταστήσαντος τῶν μὲν στέρεσθαι, τοῖς δ' ἐκ τοῦ ἴσου ἀμυνόμενοι κινδυνεύειν καὶ κρατήσειν.

(*b*) Οὐ γὰρ τοῖς ἔθνεσιν, ὅτι δίχα πέφυκε, τοῦ ἑτέρου ἔχθει ἐπίασιν, ἀλλὰ τῶν ἐν τῇ Σικελίᾳ ἀγαθῶν ἐφιέμενοι.—THUC.

G.

(*a*) Ἐγὼ γάρ, ὦ Ἀθηναῖοι, ἄλλην μὲν ἀρχὴν οὐδεμίαν πώποτε ἦρξα ἐν τῇ πόλει, ἐβούλευσα δέ· καὶ ἔτυχεν ἡμῶν ἡ φυλὴ Ἀντιοχὶς πρυτανεύουσα, ὅτε ὑμεῖς τοὺς δέκα στρατηγοὺς τοὺς οὐκ ἀνελομένους τοὺς ἐκ τῆς ναυμαχίας ἐβούλεσθε ἀθρόους κρίνειν, παρανόμως.

(*b*) Ἐμοὶ δὲ οὔτε ἐξιόντι ἔωθεν οἴκοθεν ἠναντιώθη τὸ τοῦ θεοῦ σημεῖον, οὔτε ἡνίκα ἀνέβαινον ἐνταυθοῖ ἐπὶ τὸ δικαστήριον, οὔτ' ἐν τῷ λόγῳ οὐδαμοῦ μέλλοντί τι ἐρεῖν.—PLATO, *Apol.*

2. Explain exactly the terms:—Uncial, Palimpsest, Dittography, Itacism, Gloss, Scholiast.

3. How far is character studied in Greek Tragedy by the successive tragic poets? *Or*, Trace the effect of prose writing on Greek poetry.

4. Give some account of (*a*) the traces of non-Hellenic races in Greece; *or* (*b*) the development of sculpture and bas-relief.

B.—GROUP OF MENTAL PHILOSOPHY.

LOGIC.

FIRST PAPER—THREE HOURS.

(*Candidates select either* A *or* B.)

A.

1. "Concepts are formed by comparison and abstraction." "Concepts are formed by a process of constructive analysis." Explain and discuss these views of the formation of the concept.

2. "We do not think in concepts as the logician understands them." Discuss this (*a*) as a statement of fact, (*b*) as an objection to Logic as a science.

3. State precisely the place and functions of the Law of Non-contradiction in the Logic of Hegel. Add remarks.

4. What is the relation of the Hypothetical to the Categorical Proposition, and of the Disjunctive to both?

5. State and criticise Mill's view of the relation of Deduction to Induction. Compare his view with that of Whewell.

6. Examine Mill's view of the relation of Causation (*a*) to experience, (*b*) to the uniformity of nature.

7. Is reality convertible with relation? Examine any theories with which you are acquainted on this point.

8. "Hegelianism transforms a theory of knowledge into a metaphysic of existence." Explain and discuss this statement.

9. Compare Hamilton's "Unconditioned," with Kant's "Noumenon," and Spencer's "Unknowable."

10. What is the value of Analogical Reasoning from the point of view (*a*) of Formal, and (*b*) of Material Logic?

B.

1. Explain carefully the various views that have been taken of the copula in judgment.

2. Give an analysis of the negative judgment, with a critical notice of various views respecting its nature and relation to affirmation.

3. Explain in detail the interpretation you would give to the three Laws of Thought.

4. "Simple Apprehension, Judgment, and Reasoning are not three distinct processes, neither are they simply identical." Explain and discuss.

5. "All universal judgments are in essence hypothetical." Discuss this view.

6. "Science deals only with the coexistence and sequence of phenomena." Discuss.

7. "Relation is impossible without things related." Discuss.

8. Explain Kant's view of the function of Imagination in Knowledge. Discuss it from the point of view of Psychology, and of Theory of Knowledge.

9. "Kant's Transcendental Idealism is a bridge between Psychology and Metaphysics." Explain and discuss.

10. "The categories of Reflection are explicitly self-contradictory." Explain in some detail.

SECOND PAPER—THREE HOURS.

1. What was the exact character of the difficulty as to Knowledge (or predication) to which the Eleatic and Heraclitean principles had led? How far does the argument in *Theaetetus* advance towards solution of it?

2. Why did the early theories of Knowledge feel specially perplexed by the question as to the possibility of false opinion? What attempted solutions of that question are subjected to review in *Theaetetus?* Com-

pare them with any similar attempts in Modern Philosophy, *e.g.* the Cartesian.

3. "The origin of our ideas is not a problem with which we should begin in Philosophy" (Leibniz). Discuss.

4. Explain what seem to you the fundamental characteristics of Subjective Idealism. Trace the history of Subjective Idealism from Descartes to Reid and Kant, with critical remarks.

5. Compare critically the ways in which the distinction between necessary and contingent truths is expressed by Locke, Hume, and Reid. Add remarks on the value and grounds of the distinction itself.

6. What part is played in Hume's theory of experience by the element called by him *Belief?* Compare his view on this point with other more modern doctrines.

7. Trace the history of the distinction between Primary and Secondary Qualities from Descartes to Hamilton. Give your own view of the grounds for the distinction.

8. Give a psychological analysis of the processes designated respectively Association of Ideas and Thinking, with a view of determining the relation between them.

9. Discuss in some detail the psychical processes involved in the act of Recognition.

MORAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. "To what is known not only its being known is imparted by the good, but also its being and existence attaches to it thereby, though the good itself is not existence, but far beyond existence in dignity and power." Explain this passage and comment upon its significance in relation to the views that have been taken of Plato's Ideal Theory.

2. "The initial failure of the *Republic* is its failure to understand the true nature of the citizen." Examine this view, and compare Plato's view of the citizen with Aristotle's.

3. What broad differences are there between Plato's view of the State in the *Republic* and the *Laws?*

4. Explain carefully Aristotle's conception of εὐδαιμονία, and examine in connection therewith the Kantian distinction between the *bonum supremum* and the *bonum consummatum.*

5. Aristotle maintains that in moral matters only proximate accuracy is attainable. Explain his meaning, and discuss the view that all sciences, except Mathematics, contain an empirical element which is not reducible to rational principles.

6. "To my will as affected by sensuous desires there is added synthetically the idea of my will as belonging to the intelligible world, and therefore as pure and self-determining. The will as rational is therefore the supreme condition of the will as sensuous." Comment upon this passage of Kant.

7. Explain and examine Green's view of consciousness in man as eternal and as varying and growing.

8. "Compared with the physical world, the soul of man is, by far, less unreal." Discuss this statement and also the conception of degrees of reality.

SECOND PAPER—THREE HOURS.

1. "No school can avoid taking for the ultimate moral aim a desirable state of consciousness." Examine this statement with special reference to Mr. Spencer's attitude towards optimism and pessimism.

2. Mr. Stephen says that "Morality is a statement of the conditions of social welfare." Explain and criticise this view.

3. Discuss the notions of "Necessity" and "Possibility."

4. Compare the views of Causality held by Hume and Kant.

5. What does Mr. Bradley mean by the Absolute? Compare his view with that of Spinoza.

6. "Reality is experience." "Our principles may be true, but they are not reality." Discuss these views.

7. "It is not a necessity of thought that thought itself should be possible." Explain this statement in reference to Lotze's view of the function of perception and of feeling.

8. What views regarding *Time* were held by Kant and Hegel?

C.—GROUP OF MATHEMATICS AND NATURAL PHILOSOPHY.

MATHEMATICS.

FIRST PAPER—THREE HOURS.

1. State Napier's analogies. Hence or otherwise prove that if the base of an isosceles spherical triangle be divided into segments α, β by an arc of length δ drawn from the vertex

$$\tan\frac{\alpha}{2}\tan\frac{\beta}{2} = \tan\frac{a+\delta}{2}\tan\frac{a-\delta}{2},$$

where a is one of the equal sides.

2. Show that the logarithm of a complex quantity of modulus r and argument θ is $\log r + i\theta$. $[i = \sqrt{-1}.]$

Hence from the logarithmic series for $\log(1-x)$, where

$$x = r(\cos\theta + i\sin\theta),$$

deduce the results $(r < 1)$:

$$\log\frac{1}{\sqrt{1+r^2-2r\cos\theta}} = r\cos\theta + \frac{r^2\cos 2\theta}{2} + \frac{r^3\cos 3\theta}{3} + \text{etc.},$$

$$\tan^{-1}\frac{r\sin\theta}{1-r\cos\theta} = r\sin\theta + \frac{r^2\sin 2\theta}{2} + \frac{r^3\sin 3\theta}{3} + \text{etc.}$$

Apply these to solve a triangle of which the two sides and the included angle are given.

3. Show that the equation of a hyperbola may be written in the form

$$\frac{x}{a} = \cosh\phi, \quad \frac{y}{b} = \sinh\phi.$$

Illustrate this equation graphically.

Hence find in terms of ϕ the equation of the normal to a hyperbola.

4. Find the equation of the curve formed by prolonging by the same constant quantity every radius vector of an ellipse drawn from the centre as origin.

Having given the normal of the original curve at any point, show how to draw a normal to the derived curve at the corresponding point.

5. Prove the formula in Cartesian coordinates for radius of curvature of a plane curve, namely

$$R = \frac{(dx^2 + dy^2)^{\frac{3}{2}}}{d^2y\,dx - d^2x\,dy}.$$

From the expressions

$$x + iy = re^{i\theta}, \quad x - iy = re^{-i\theta}, \quad [i = \sqrt{-1}]$$

transform directly the equation for R to polar coordinates.

Hence show that the condition fulfilled by the points of inflection is

$$r\frac{d^2r}{d\theta^2} - 2\left(\frac{dr}{d\theta}\right)^2 - r^2 = 0.$$

6. Define an envelope and show how to find its equation.

Find the envelope of the normals to the hyperbola (see question 3).

7. Show that if

$$I_n = \int \frac{dx}{(1+x^2)^n},$$

then

$$I_n = I_{n-1} - \tfrac{1}{2}\int \frac{2x^2dx}{(1+x^2)^n}.$$

Hence show how to calculate the integral

$$\int \frac{az+b}{(z^2+2cz+d)^n}dz,$$

and work out for

$$\int \frac{az+b}{(z^2+2cz+d)^2}dz.$$

8. Give an expression for the area intercepted between a portion of a curve and two radii vectores drawn to its extremities, and show how to evaluate the integral when the equation of the curve is given.

Hence prove that the area of a sector of an ellipse between the major axis and a radius vector from the focus is $\frac{ab}{2}(\phi - e\sin\phi)$, where ϕ is the eccentric angle of the point to which the radius vector is drawn.

9. A straight line of given length $l + l'$ is turned round in a closed curve so that the point of division into the parts l, l' traces out another closed curve. Prove Holditch's theorem that the area between the guiding curve and that traced out by the point of division is equal to the area of an ellipse of semi-axes l, l'.

10. Defining $\Gamma(x)$ as the limit when $m = \infty$ of

$$\frac{m^x \,.\, 1 \,.\, 2 \,.\, 3 \ldots m}{x(x+1)(x+2)\ldots(x+m)},$$

show that when x is an integer

$$\Gamma(x) = 1 \,.\, 2 \,.\, 3 \ldots (x-1) = \int_0^\infty e^{-t}t^{x-1}dt.$$

From the definition also deduce the result

$$\Gamma(x)\Gamma(1-x) = \frac{\pi}{\sin \pi x},$$

and find

$$\Gamma(\tfrac{1}{2}), \quad \Gamma(\tfrac{3}{2}), \quad \Gamma(-\tfrac{1}{2}), \quad \Gamma(-\tfrac{3}{2}).$$

11. Show by any method that the limit of

$$1+\tfrac{1}{2}+\tfrac{1}{3}+\ldots+\frac{1}{m}-\log m,$$

when m is infinite, is finite.

Denoting this limit by γ, prove from the definition of $\Gamma(x)$ that if mod $x<1$

$$\log\Gamma(x)=-\log x-\gamma x+\tfrac{1}{2}s_2x^2-\tfrac{1}{3}s_3x^3+\text{etc.},$$

where $$s_n=1+\frac{1}{2^n}+\frac{1}{3^n}+\ldots.$$

12. Assuming Lagrange's series for any function $F(a)$ of a root a of the equation

$$z-x-tf(z)=0,$$

namely $$F(a)=F(x)+\frac{t}{1}F'(x)f(x)+\frac{t^2}{1\cdot2}\frac{d}{dx}[F'(x)\{f(x)\}^2]+\ldots,$$

find a series for the smaller root of the equation

$$ax^2+bx+c=0,$$

and also for the logarithm of this root.

13. Show how to differentiate $\int_a^b f(x,a)\,dx$, with respect to (1) a variation in b, (2) a variation in a, (3) a variation in a; and show that

$$\int_0^1 x^n(\log x)^r\,dx=(-1)\frac{1\cdot2\cdot\ldots r}{(n+1)^{r+1}}.$$

14. Prove that if u_0, u_1, u_2, ... u_n be a series of equidistant terms

$$u_n-nu_{n-1}+\frac{n(n-1)}{1\cdot2}u_{n-2}-\ldots+(-1)^nu_0=0.$$

Apply this theorem to interpolate the value of log sin 16° 30′ from the values below :—

log sin 16° 10′ = 9·4447197
log sin 16° 20′ = 9·4490540
log sin 16° 40′ = 9·4575840
log sin 16° 50′ = 9·4617816.

15. Shortly explain the method of solving difference equations with constant coefficients.

Solve the equations :—

$$u_{x+2}\pm n^2u_x=\cos mx,\qquad u_{x+4}\pm2n^2u_{x+2}+n^4u_x=0.$$

SECOND PAPER—Three Hours.

1. Supposing the equation

$$f(x)=A_0+A_1\sin x+A_2\sin2x+\ldots B_1\cos x+B_2\cos2x+\ldots$$

to hold for all values of x between 0 and 2π, show how to find the coefficients. Work out for the case of $f(x)=x^2$.

2. Define the pedal of a curve and show how to find its equation. Find the equation of the pedal of the parabola with respect to the intersection of the directrix with the axis.

3. Define the reciprocal polar of a curve with respect to a conic, and show wherein the reciprocity consists.

Prove that the reciprocal polar of a curve with respect to a circle is the inverse of the pedal of the curve with respect to the centre of the circle with the square of the radius of the circle as modulus of transformation.

4. Define the Hessian of a given curve referred to homogeneous coordinates, and show that if $f(x, y, z) = 0$ be the equation of the curve and H denote the Hessian, then the equation for the radius of curvature is

$$R = \frac{\left\{\left(\frac{\partial f}{\partial x}\right)^2 + \left(\frac{\partial f}{\partial y}\right)^2\right\}^{\frac{3}{2}}}{H}.$$

Prove that the Hessian of any given curve is the locus of the singular points of the first polar of the same curve.

5. Explain the use of Newton's parallelogram in determining the form of a curve near the origin and apply it to the curve

$$x^4 + y^4 - bxy^2 - ax^3 = 0.$$

Trace this curve fully.

6. Find the equation of the cylindrical surfaces of which the generators are given by the equations

$$x = pz + \alpha, \quad y = qz + \beta,$$

where α and β are parameters connected by the relation $f(\alpha, \beta) = 0$, and prove from your result that every tangent plane is parallel to a fixed line.

7. Find the equation of a plane touching a quadric surface and containing a given line.

Find the locus of lines the directions of which are the same, and the two tangent-planes through each of which to a quadric are at right angles to one another. Work out for the ellipsoid

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1.$$

8. Investigate the equation of the surface enveloped by a plane parallel to a central section of the ellipsoid

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1,$$

made by the plane $lx + my + nz = 0$, at a distance $1/\rho$ from that section, where ρ is the length of one of the principal axes of the section.

Show that the surface has four real singular points. Also show that if instead of $1/\rho$ the distance of the enveloping plane from the centre were ρ, the surface obtained would be the polar reciprocal of the former surface with respect to a concentric sphere of radius unity.

9. Define curvature and torsion of a curve in space.

Let $x = \phi(\theta)$, $y = \chi(\theta)$, $z = \psi(\theta)$ be the equations of a curve (1) in space, and x', y', z' be coordinates for a curve (2) which fulfil the condition

$$\frac{dx'}{d^2y\,dz - d^2z\,dy} = \frac{dy'}{d^2z\,dx - d^2x\,dz} = \frac{dz'}{d^2x\,dy - d^2y\,dx} = k.$$

Show that the osculating plane and the normal plane of the curve (1) are respectively the normal plane and the osculating plane of the curve (2).

Also show that if ρ, τ be the radii of curvature and torsion for (1) and ρ', τ' those for (2) $\rho' = k\dfrac{dx^2+dy^2+dz^2}{d\theta^2}\dfrac{\tau}{\rho}$, $\tau\tau' = \rho\rho'$.

10. Prove that if a curve be plotted with values of

$$\int_0^r \cos\frac{\pi}{2}v^2\,dv, \qquad \int_0^r \sin\frac{\pi}{2}v^2\,dv$$

for different values of r as abscissae and ordinates, the distance along the curve from the origin to any point is the value of r for that point, and the intrinsic equation is $\phi = \frac{1}{2}\pi s^2$. Also prove that the curvature at any point is πv.

11. Prove that $\displaystyle\int_0^\infty e^{-z^2}dz = \frac{\sqrt{\pi}}{2}$.

Also prove by means of complex integration or otherwise that

$$\int_0^\infty \frac{\sin rx\,.\,dx}{x(1+x^2)^{\frac{n}{2}}} = \frac{\pi}{2}\left(1 - e^{-\frac{r}{\sqrt{2}}}\cos\frac{r}{\sqrt{2}}\right).$$

12. The integrals

$$\int_0^\infty \cos\frac{\pi}{2}v^2\,.\,dv, \qquad \int_0^\infty \sin\frac{\pi}{2}v^2\,.\,dv$$

can be very easily evaluated by writing in the equation

$$\int_0^\infty e^{-z^2}dz = \frac{\sqrt{\pi}}{2},$$

$-\frac{1}{2}i\pi v^2$ for z^2, so that $dz = dv\sqrt{\dfrac{-i\pi}{2}}$. Justify this proceeding by the theory of complex integration, and find the integrals.

13. Integrate the equations

$$(x^2-y^2)dx + 2xy\,dy = 0,$$

$$\frac{d^2y}{dx^2} + 2m\frac{dy}{dx} + m^2y = e^x, \quad [m \text{ positive}]$$

$$\left.\begin{aligned} a\frac{dx}{dt} + bx + c(x+y) &= f\sin(nt+\epsilon).\\ a\frac{dy}{dt} + by + c(x+y) &= f\sin(nt-\epsilon). \end{aligned}\right\}$$

$$xz\frac{dz}{dx} + yz\frac{dz}{dy} - xy = 0.$$

14. Find the equation to which

$$x^2\frac{d^2y}{dx^2} - (2n\beta - 1)x\frac{dy}{dx} + \beta^2\gamma^2x^{2\beta}y = 0$$

reduces when $ux^{\beta n}$ is put for y and r for γx^β.

Write down the solution of this for the case of n not an integer, and show how the solution may be completed when n is a positive integer.

15. Prove from the definition of $J_n(x)$ the Bessel function relations

$$J_0'(x) = -J_1(x), \quad J_n'(x) = J_{n-1}(x) - \frac{n}{x}J_n(x).$$

Hence prove that $\int_0^z \frac{J_1^2(z)dz}{z} = \frac{1}{2}\{1 - J_0^2(z) - J_1^2(z)\}$.

16. Prove that if a be real and positive and b real

$$\int_0^\infty e^{-ax}J_0(bx)dx = \frac{1}{\sqrt{a^2+b^2}}.$$

Prove also that $J_1(x) = -\frac{i}{\pi}\int_0^\pi e^{ix\cos\theta}\cos\theta d\theta$,

and hence show that $\int_0^\infty J_1(x)J_0(ax)dx = 1, \frac{1}{2}$, or 0

according as $a^2 > 1$, $a^2 = 1$, $a^2 < 1$.

NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Define Moment of Inertia, and show that the moment of inertia of a rigid body about an axis passing through a given point is inversely proportional to the square of the radius vector of a certain ellipsoid having its centre at the point.

Find the equation of the ellipsoid, and show how to determine the principal axes and moments of inertia.

2. Investigate the differential equation of the orbit of a particle round a centre of force, and show that if the orbit be an ellipse with the centre of force at a focus, the law of force is the inverse square of the distance.

Show that if any central orbit be made to revolve in its own plane, with angular velocity proportional at each instant to that of the radius vector in the fixed orbit, it will still be a central orbit for the particle, provided there be applied to the particle a certain additional force varying inversely as the cube of the distance.

3. A rigid body is kinetically symmetrical about an axis, and is suspended under the action of gravity by a Hooke's universal joint. The axis of symmetry is inclined at an angle θ to the vertical, and the body turns round in azimuth with angular velocity ϕ about the universal joint while θ remains constant.

Find the axis of instantaneous motion of the body, and find the angular velocity of the body round that axis.

4. Show that the body in question 3 has the following angular velocities, $2\dot{\phi}\sin^2\frac{1}{2}\theta$ round the axis of symmetry, with, if θ varies, $\dot{\theta}\sin\phi + \dot{\phi}\sin\theta\cos\phi$ round an axis in an axial plane of reference fixed in the body and perpendicular to the axis of symmetry, and $\dot{\theta}\cos\phi - \dot{\phi}\sin\theta\cos\phi$ round a third axis rectangular with the other two. Hence find the kinetic energy of the body.

How will the kinetic energy differ if instead of a universal flexure joint the body be suspended by a horizontal axis attached to a swivel turning round a vertical axis?

5. If the rigid body of question 3 contains a gyrostat of moment of inertia C' round its axis which is coincident with the axis of kinetic symmetry, and ψ be the angle between a plane fixed in the gyrostat and the vertical plane through the axis of symmetry, show that the kinetic energy T is given by the equation

$$2T = C(1-\cos\theta)^2\dot{\phi}^2 + A(\dot{\phi}^2\sin^2\theta + \dot{\theta}^2) + C'(\dot{\psi}+\dot{\phi}\cos\theta)^2,$$

where C is moment of inertia of the rigid body without the gyrostat round the axis of symmetry, and A the moment of inertia of the rigid body and the gyrostat together round a rectangular axis through the point of support.

6. Write down Lagrange's equations for the motions of a dynamical system, and fully explain the meaning of the terms of the equations and the operations symbolized.

Hence find the equations of motion of the gyrostatic pendulum of which the kinetic energy is given in 5. Show that the velocity of the gyrostat round its axis is constant. Work out for the case of θ constant—the conical gyrostatic pendulum.

Or, as an alternative to Question 6 :—

Work out the problem of the vibrations of the following system. A spiral spring is hung from a fixed point, and a mass m is attached to its lower end, and to this mass is attached a second spiral spring carrying an equal mass at its lowest end. The masses of the springs may be neglected.

7. Show that the equations of motion of the bob of a gyrostatic pendulum when the deviation from the vertical is small, and the motion is referred to horizontal axes of x and y, fulfil the equations

$$A\ddot{x} - c\dot{y} + mghx = 0,$$
$$A\ddot{y} + c\dot{x} + mghy = 0,$$

where c is the constant moment of momentum round the axis of symmetry.

8. Establish the equations of hydrodynamics in the so-called Eulerian form and explain clearly the meaning of the terms in the expression for the acceleration.

What is meant by irrotational motion and by vortex motion of a fluid?

9. Give the condition for the existence of a velocity potential in fluid motion. Prove that in vortex motion the quantity

$$\frac{\partial w}{\partial y} - \frac{\partial v}{\partial z}$$

is equal to twice the angular velocity of an element of fluid at any point round an axis parallel to that of x, and similarly for the other quantities.

10. Show that under certain conditions if a velocity potential exist for any portion of a fluid at any instant the same portion of the fluid possesses a velocity potential at any instant before or after. What are these conditions?

11. Prove the theorem (explaining fully the notation):—

$$\frac{d}{dt}\int_s (udx + vdy + wdz) = -\int_s \frac{dp}{\rho} - [V - \tfrac{1}{2}q^2]_s,$$

where the integrals are taken along any curve of length s drawn in the fluid.

Define *circulation*, and apply this theorem to show that the circulation round any closed circuit moving with the fluid is constant, provided the density is a function of the pressure and the forces form a conservative system.

12. How is an *impulse* measured? Prove that when a system of bodies has given impulses applied to it at specified points, the motion acquired by the system is such that the kinetic energy exceeds that of any other motion fulfilling the same kinematical conditions by the energy of the motion which must be compounded with either to produce the other.

As an example consider the motion of a straight rod lying on a smooth table and subjected to a given *impulse* horizontally at right angles to its length.

13. Investigate the differential equation of continuity of a fluid, and hence deduce the integral equation of continuity. Deal with the case in which the fluid is incompressible and the closed surface considered encloses sources of the fluid.

What is the corresponding theorem to this latter case in electrostatics?

SECOND PAPER—Three Hours.

1. Prove that the attraction of a uniform spherical shell on an internal point is zero, and on an external point is the same as if all the matter of the shell were placed at its centre.

2. Assuming any known proposition in the theory of attraction, investigate the distribution of electricity on an insulated spherical conductor charged with a given quantity of electricity and influenced by another given quantity of electricity placed at an external point.

3. Find the attraction experienced by a very small electrified body held near a large conducting plane.

4. Investigate the fundamental equations for the equilibrium or motion of a fluid, compressible or incompressible, under the influence of any forces.

5. State the condition of equilibrium of a heterogeneous incompressible fluid. Illustrate by the cases:—

(*a*) A heterogeneous liquid in a tank of moderate dimensions, influenced only by gravity.

(*b*) Water (supposed incompressible) in an ideal hemispherical hollow of any very great radius (hundreds of miles) excavated from the earth, supposed to be a homogeneous sphere of density $5\frac{1}{2}$ times that of water. Explain wherein consists the transcendental difficulty of giving an exact solution of this problem.

6. Investigate water-waves in a canal having flat bottom and parallel vertical sides. Find the velocity of "long waves" in such a canal.

7. (*a*) Investigate the equations of thermal conduction within a homogeneous solid; and the boundary condition for the case of a finite solid, of given surface-emissivity, left to cool in an ordinary room of given uniform temperature.

(*b*) Prove that $v = \frac{1}{\sqrt{t}} \epsilon^{\frac{-x^2}{4\kappa t}}$, where κ denotes the diffusivity, satisfies the equations; and interpret *fully* this solution.

8. Investigate the temperature at any point of an infinitely thin uniform ring which has been left to itself for any time, t, after having had any arbitrarily given initial distribution. (For simplicity, suppose the ring coated with impermeable varnish).

9. Define homogeneous strain. When is a homogeneous strain said to be pure?

Define the strain quadric, and find its equation.

Show how to find the components of strain for one set of axes from those given for another set of axes, and find the strain invariants.

If the equation of the strain quadric be

$$(a+\sqrt{a^2+4})x^2+(a-\sqrt{a^2+4})y^2 = k,$$

show that the strain is a pure shear, and fully specify it.

10. Specify the different components of stress in the most general consideration of the elastic forces which act on an isotropic solid. Find in terms of these components of stress those across a plane element in the solid the direction cosines of the normal to which are l, m, n. Investigate the equations of equilibrium of an elastic solid under stress, and any given system of applied forces.

11. A shell of isotropic material bounded by concentric spherical surfaces of internal and external radii r_i, r_e, is subjected to given internal and external pressures, P_i, P_e. Show that if P_1 be the tangential and P_2 the radial stress at any point within the substance of the shell, ρ the increase of the original length r of the radius at the same point; and $e = (3k+n)/9nk$, $f = (3k-2n)/18nk$ (where n, k are the rigidity and compression moduluses), the equations of equilibrium are

$$\frac{d\rho}{dr} = -2fP_1 + eP_2, \quad \frac{\rho}{r} = (e-f)P_1 - fP_2,$$

with the condition $$2rP_1 = \frac{d}{dr}(r^2P_2),$$

and find the alteration of internal and external radii under the given pressures.

III.—FOR DEGREE OF B.Sc.

A.—IN PURE SCIENCE.

FIRST EXAMINATION.

1. Mathematics.—See pp. 440-443.
2. Natural Philosophy.—See pp. 443-445.
3. Chemistry.—See p. 479.
4. Botany.—See p. 479.
5. Zoology.—See p. 480.

B.—IN ENGINEERING.

a.—MATHEMATICS.

FIRST PAPER—THREE HOURS.

1. Show how to draw a straight line perpendicular to a given plane from a given point without it.

If a series of equal straight lines are drawn to a plane from a given point outside it, show that their extremities lie on a circle.

2. State how we may draw a tangent at any point to a parabola and hence prove that the foot of the perpendicular from the focus on a tangent lies on the tangent at the vertex. (Geometry.)

3. If the perpendicular from the origin on a straight line makes an angle α with the axis of x and is of length p, find the equation of the straight line and the perpendicular on it from the point (f, g).

4. Show that in the parabola $y^2 = 4ax$, the tangent at the point $(am^2, 2am)$ is $my = x + am^2$, and the normal is $y + mx = 2am + am^3$.

Hence show that through any point three normals can be drawn to the parabola, and that the sum of the ordinates of the feet of these normals is zero.

5. If we take the coordinates of any point on the ellipse

$$x^2/a^2 + y^2/b^2 = 1 \text{ as } a\cos\phi,\ b\sin\phi,$$

state and prove a geometrical meaning for ϕ.

The tangent at a point P $(a\cos\phi, b\sin\phi)$ on this ellipse meets the minor axis in T; SP, where S is the focus $(ae, 0)$, is drawn and a perpendicular is drawn from T on SP, cutting it in Q, show that the coordinates of Q are $b^2\cos\phi/a(1 - e\cos\phi)$, $b\sin\phi/(1 - e\cos\phi)$.

6. If the axes be rectangular show that $xy = c^2$ is the equation of a rectangular hyperbola with the axes for its asymptotes.

Prove analytically that, if a straight line AB cut the axes in A and B, and this hyperbola in P and Q, the middle points of AB and PQ coincide.

7. Define a differential coefficient, and from your definition prove that if $y = \log_e x$, then $\dfrac{dy}{dx} = \dfrac{1}{x}$.

Find the second differential coefficient of $\log(\sin x + \cos x)$, x^x.

8. In any curve show that the angle between the tangent at any point, and the radius vector to that point is $\tan^{-1} r\dfrac{d\theta}{dr}$.

Hence prove that in the cardioid $r = a(1 + \cos\theta)$, this angle is $\dfrac{\pi}{2} + \dfrac{\theta}{2}$.

9. Prove the conditions that $f(x)$, a continuously varying function of x, should have a maximum or minimum value.

Show that the point on the curve $4ay = x^2$, which is nearest the point $(a, 2a)$, is the point $(2a, a)$.

10. Define the envelope of a system of curves, and show that it is touched by every curve of the system.

From a fixed point on the circumference of a circle, chords are drawn, and on these as diameters circles are drawn. Show that the envelope of the series of circles is a cardioid.

11. If ρ be the radius of curvature at any point on a curve,

prove the expression for ρ, $\left\{1+\left(\frac{dy}{dx}\right)^2\right\}^{3/2} \Big/ \frac{d^2y}{dx^2}$.

12. Prove the principle known as Integration by Parts.

Evaluate $\int \frac{dx}{(ax+b)^2}$, $\int \frac{d\theta}{\sin\theta}$, $\int \sqrt{\frac{1+x}{1-x}}dx$ (by putting $x = \cos 2\theta$, or otherwise), $\int x^2 \sin x\, dx$.

SECOND PAPER—THREE HOURS.

1. $7x^2+22xy+3y^2+52x+16y+21$ may be expressed as the difference of the squares of two quantities, one of which is $4x+2y+5$; hence break it up into two factors.

2. Solve the equations :—

(i.) $x-\{5-(x-2)(8-x)\} = 9(x-5)+x^2$,

(ii.) $\frac{2}{x+1}+\frac{7}{x-2}+\frac{5(x+7)}{(x+1)(x-2)} = 4-\frac{4x-26}{x-2}$,

(iii.) $\frac{3x-y}{11} = \frac{4x+z}{7} = \frac{y-9z}{4} = 2x+y+2$.

3. A company dining together at an inn find that their bill amounts to £11 19s. 3d., four are not allowed to pay, and the rest find that their shares are one shilling more than if all had paid; find the number of men in the company.

4. Solve the equations :—

(i.) $\left.\begin{aligned} 3x^2+2xy+y^2 &= 17 \\ x^2-2xy+5y^2 &= 5 \end{aligned}\right\}$,

(ii.) $\sqrt{2x+7}-\sqrt{x-5} = \sqrt{x-12}$,

and discuss your solution of the latter.

5. In an Arithmetical Progression prove that $S = \frac{1}{2}n\{2a+(n-1)d\}$ in the usual notation.

Show that every alternate term in an A.P. is a term in another A.P., and that if n, the number of terms in an A.P., be odd, s be the sum of this A.P., and s' the sum of the A.P. formed by taking every alternate term of this beginning with the first, $(n+1)s = 2ns'$.

6. Give the ratio of the $(r+1)^{th}$ term to the r^{th} term in the expansion of $(1+x)^n$ by the Binomial Theorem.

Hence in finding $33^{-\frac{1}{5}}$ by writing $33 = 32+1$, and using the Binomial Theorem, show that we get a series in which the signs are alternately positive and negative, and the first term is the greatest. If we take then $33^{-\frac{1}{5}}$ by this only to two places of decimals, give a limit for the magnitude of the error, and is it in defect or excess?

7. Assuming that $e^x = 1 + \frac{x}{1!} + \frac{x^2}{2!} + \ldots$ holds for all values of x, deduce the expansion of $\log(1+y)$ in ascending powers of y. Point out in the proof where the restriction on the value of y, so that this expansion may hold, comes in.

8. Define the tangent and secant of an angle in general, and show that $\sec^2\theta = 1 + \tan^2\theta$, θ being any angle.

Prove that $\frac{1-\sin\theta}{1+\sin\theta} = 1 + 2\tan\theta(\tan\theta - \sec\theta)$.

9. Prove that $\sin(A+B) = \sin A\cos B + \cos A \sin B$, where $A, B, A+B$ are all less than $90°$.

Deduce that if 2θ be less than $90°$,

$$\sin 2\theta = 2\sin\theta\cos\theta,\ \cos 2\theta = 1 - 2\sin^2\theta,$$

and find the trigonometrical ratios of $15°$.

10. In any triangle ABC show that $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$ = the diameter of the circumscribing circle, $c = a\cos B + b\cos A$, and the diameter of the inscribed circle $= (b+c-a)\tan\frac{A}{2}$.

If AD be drawn perpendicular to BC and DE perpendicular to AC, show that $BE^2 = c^2(\sin^2 A + \cos^2 B\cos^2 C)$.

11. Sketch out the solution of a triangle when we are given two sides and the included angle, these values being such that we require to use logarithms. If we do not require to do so, how may we otherwise proceed?

12. Show how a complex number may be graphically represented by a vector, and prove that such vectors are added according to the parallelogramic law.

Write down all the fourth roots of -1, and represent them on a diagram.

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b.—NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Define homogeneous stress and homogeneous strain. Investigate the relation between the longitudinal extension and lateral contraction of a rod or wire to which simple longitudinal stress is applied. Hence find the Young's modulus in terms of the rigidity and bulk modulus.

2. State Hooke's Law in connection with elasticity, and define resilience. Give an expression for the resilience in any case where Hooke's Law holds, and hence express the resilience per unit volume of a wire subjected to end-pull in terms of the Young's modulus for the wire, and the extension per unit length.

3. Find the equation of the common catenary in Cartesian coordinates.

Find the value of the tension at any point, and hence prove that if a heavy uniform string hangs over two small smooth fixed pegs, so that the two ends of it are free, and the central portion hangs in a catenary, the free ends are on the directrix of the catenary.

4. Prove expressions for the coordinates of the centre of gravity of an area bounded by two curves, given in polar coordinates, and two straight lines drawn through the pole.

Find the coordinates of the centre of gravity of the area bounded by $r = a \cos 2\theta$, $r = a \cos \theta$, $\theta = 0$ and $\theta = \frac{\pi}{4}$.

5. Prove that the attraction (according to the Newtonian Law) of a uniform straight line on a particle at an external point is the same as that of a certain circular arc; centre this external point, and find the position of this arc. Hence show that the attraction of an infinite line on an external particle is $\frac{2\mu k}{r}$, where μ is a constant, k is the area of a section of the line perpendicular to its length, and r is the distance of the particle from the line.

6. Prove that a particle projected freely under gravity in vacuo will describe a parabola which has its axis vertical.

A particle is projected from a point in a direction inclined at an angle α to a plane through the point, the plane being inclined at an angle β to the horizon, and is projected so that it hits the plane at right angles on returning to it, show, by considering the motions parallel and perpendicular to the plane, or otherwise, that $2 \tan \alpha \tan \beta = 1$.

7. Define simple harmonic motion and show that in it the force on the particle is directed to a fixed point, and varies as the distance from it, and that the periodic time is independent of the amplitude.

If we take this result for the periodic time to apply to a particle moving in a curve under a force varying as the displacement, show that in a simple pendulum of length l, where the extreme swing is α radians on either side of the vertical, the periodic time lies between $2\pi\sqrt{\frac{l}{g}}$ and $2\pi\sqrt{\frac{\alpha}{\sin \alpha}\cdot\frac{l}{g}}$.

If $\pi^2 l = g$ and α is 10°, find then the greatest possible error made in reckoning the pendulum as beating seconds.

8. Investigate the motion of the compound pendulum and prove the "convertibility" of the centres of suspension and oscillation.

A right circular cylinder of radius a is hung on an axis parallel to its central line and at distance c from it and oscillates: find the length of the equivalent simple pendulum.

9. Prove that if a particle move under a force directed to a fixed centre, then $r^2\theta = \text{constant}$, and $h^2u^2\left(u + \frac{d^2u}{d\theta^2}\right) = \text{P}$, where $u = \frac{1}{r}$ and (r, θ) are the polar coordinates of the particle referred to the centre of force as pole, and P is the force. Show that if the particle describe the lemniscate, $r^2 = a^2 \cos 2\theta$, $\text{P} = \mu u^7$, and the velocity at the apse is $\sqrt{\frac{\mu}{3a^5}}$.

10. Prove that if a particle describes an ellipse about a centre of force in a focus, $v^2 = \mu\left(\frac{2}{r} - \frac{1}{a}\right)$ in the usual notation.

Hence show that if v_1, v_2 are the velocities at the extremities of a diameter of the ellipse, $v_1 v_2$ is constant.

11. Write down the equations of motion of a particle moving on a smooth curve under any forces.

The catenary $s = c \tan\phi$ is placed with its vertex uppermost in a vertical plane, and a particle is placed very near the vertex and slides down: show that it will leave the curve when $\phi = 60°$.

SECOND PAPER—See pp. 444-445.

c.—GEOLOGY.

1. In what formations is coal found? Give the definition of "Coal" on which you base your answer.

2. Mention in succession the chief marine deposits of Europe. How many of these are unrepresented in Britain?

3. What characteristic evidence proves the former presence of fresh water (river or lake) or estuarine? Illustrate from stratigraphical series.

4. Sketch the growth of the ice sheet in glacial Britain and the origin of the deposits therewith associated.

5. What do you understand by isogeotherms? Are they constant? If they are not, what determines their variation?

d.—ENGINEERING.

FIRST PAPER—Two Hours.

1. What is clay band ironstone? How is it prepared for the blast furnace? What are the objects of the treatment you describe? Sketch and describe the chief features of a blast furnace for iron smelting.

2. Give a short account of the Basic Bessemer process, and explain its object as compared with the ordinary Bessemer process.

3. Explain the reasons for rounding out re-entrant angles in forgings and castings.

4. State the leading properties of copper and aluminium as constructive materials, and describe the chief uses of copper in engineering.

5. Give some account of the mode of shrinkage, the methods and objects of seasoning, and one process for the preservation of timber.

6. Find (to a reasonable approximation considering the nature of the data) the weight of 30 yards of cast-iron pipe, 10 inches internal diameter, $\frac{5}{8}$ inch thick, made in 9 feet lengths, with sockets 4 inches deep and $\frac{1}{16}$ inch mean thickness, with a space $\frac{3}{4}$ inch width for packing. Show how the calculation may be made rapidly with the requisite degree of accuracy.

SECOND PAPER—Two Hours.

1. Give a brief description of the process of surveying, by means of the chain and its accessories only, a field, roughly square in outline but with irregular boundaries.

2. Sketch and describe the optical square, and explain the advantage of having double reflection in such instruments.

3. In respect to either the Y theodolite or the transit theodolite, explain the essential conditions of adjustment of the line of collimation relatively to the axes, and explain how each step in the adjustment may be accomplished.

4. Give a brief description of the process of levelling for a section along a given line, showing how the observations are booked, and how the book is completed and checked.

5. Explain the reasons for easing off the transition between a circular curve and a straight tangent for a railway, and give an account, with sketches and formulas, of Froude's method.

6. Explain with illustrative sketches how the volume of earthwork for a railway cutting may be determined.

THIRD PAPER—Two Hours.

1. Investigate the efficiency of an ideal steam engine working with complete isothermal condensation on the return stroke.

2. Explain one method for determining the dryness fraction for the steam supplied by a boiler.

3. Explain what is meant by the brake horse power of an engine, and describe the process of determining the brake horse power in the case of an ordinary steam engine, say of twenty horse power.

4. Explain the advantages of surface over jet condensers. Sketch and describe a surface condenser, illustrating in detail one system of connecting the tubes to the tube plate.

5. Explain the meaning of the term "Entropy." Sketch a temperature-entropy diagram for water and steam, explaining how the entropy of boiling water and of saturated steam for a given temperature are determined.

6. State and explain the chief advantages of compound working in steam engines.

FOURTH PAPER—Three Hours.

1. A beam of 20 feet span is to bear a total load of 3 tons uniformly distributed along its length. Sketch the section of rolled beam of mild steel that you would consider of suitable strength, showing how, by simple approximate calculation, you arrive at the dimensions you propose.

2. Investigate a formula giving the deflection at any point of a uniformly loaded semi-girder, assuming any formulas connecting the bending moment, dimensions of the section, curvature, and elastic properties of the material.

3. Show by accurate diagrams or neat hand-sketches how to determine the stresses in the loaded frame shown on the accompanying sheet.

4. Explain the principle of comparison of similar structures with respect to strength, and apply it to the case of two similar cranes, treating specially of the strength of the jibs, shafts, and toothed wheels.

5. Assuming any formulas for the torsional rigidity of shafts, investigate a formula for the deflection of a helical spring formed of round wire.

6. For water flowing from the re-entrant tube shown on the accompanying sheet (the external surface of the tube being cylindrical up to the edge), investigate, from first principles, the diameter of the issuing jet of water and find approximately the weight of water that will flow per minute, neglecting frictional resistances.

7. Describe and illustrate by sketches, the mode of flow of water round river bends, and explain in connection therewith the action of the river on its banks.

8. Describe and explain the action of the jet pump.

9. Investigate a formula giving the magnitude of a simple torque that will be equivalent to a given torque and bending moment, in respect to the maximum stress produced in a cylindrical shaft.

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e.—DRAWING, ETC.—TWO HOURS.

1. Explain in a few words what method or methods you would adopt in solving the following problems :—

(*a*) To determine the distance of a point from a plane.

(*b*) To draw the traces of a plane, the inclination to both planes of projection being given.

(*c*) To find the angle between two intersecting lines.

(*d*) To find the intersection of three given planes.

2. Find the angle contained by the two planes given in the accompanying diagram.

3. Find the major and minor axes of the ellipse formed by the intersection of the given cone and plane.

4. Draw in plan and elevation a cube, length of edge 1¼ inch, when one pair of faces makes 45° and one set of edges makes 30° with the horizontal plane of projection. Further, the cube is to be placed so that the plane of one set of edges makes 20° with xy.

5. Develop the surface of the right circular cone, showing the line traced on it as it would appear on the developed surface.

6. Find the form in plan and elevation of the intersection of the cone and cylinder given in the accompanying sheet. A few points should be accurately found.

7. Draw in isometric projection the bracket shown in the sketch.

8. By use of the funicular polygon find the magnitudes of the supporting forces, and draw a diagram of bending moments for the loaded beam in the accompanying diagram.

9. Draw the diagram of stresses for the loaded crane shown, assuming the stay to be in the same plane as the crane-post and jib.

f.—ELECTRICITY (PURE AND APPLIED).

THREE HOURS.

1. Describe the construction of an electrostatic voltmeter. Explain the method of using it, and state some of the advantages which the instrument possesses.

2. Give a definition of the magnetic moment of a magnet for which the "magnetic length" is indeterminate. Explain a method by which as a matter of approximation the "magnetic length" can be found for a straight bar magnet longitudinally magnetized.

3. Investigate the Gaussian method of finding the horizontal component of the earth's magnetism.

4. A copper wire one yard long and 0·001 inch in diameter has a resistance of 31·4 ohms. Calculate the resistance between two opposite faces of a centimetre cube of the material. Calculate also the resistance of a wire of the same copper 100 yards long and weighing a pound. Take the specific gravity of copper as 8·9.

5. State briefly different methods by which currents can be determined. Describe in detail one of the Kelvin direct-reading electric balances.

6. Define the C.G.S. unit of magnetic field intensity and of current. Hence obtain the definitions of the practical units of current, resistance, electromotive force and capacity.

7. Explain carefully how a quantity of electricity can be practically measured by a ballistic galvanometer. Find the necessary equations and point out the experimental precautions necessary in determining each separate factor in your final equation.

8. Find the force on a unit magnetic pole situated (1) in the neighbourhood of a very long conductor carrying a current, (2) at a point on the axis of a solenoid.

IV.—FOR DEGREES IN MEDICINE AND SURGERY.

I.—PRELIMINARY EXAMINATION.

ENGLISH.

Saturday, 28th September, 1895.

FIRST PAPER (OLD MODEL)—9 TO 11 A.M.

(FIVE *questions to be answered and no more. Questions* 1, 2, *and* 6 *must be attempted.*)

1. Write an essay, from two to three pages long, on one of the following subjects:—

(*a*) King James as he appears in *The Fortunes of Nigel.*
(*b*) The Life of a Country Doctor.
(*c*) The Possibility of Abolishing War.

2. Paraphrase :—Prologue to Dryden's "Oedipus."

When Athens all the Grecian states did *guide*,
And Greece gave laws to all the world beside ;
Then Sophocles with Socrates did sit,
Supreme in wisdom one, and one in wit :
And wit from wisdom differed not in those,
But as 'twas *sung* in verse or said in prose.
Then Œdipus in crowded theatres
Drew all admiring eyes and listening ears ;
And every critic of each learned age
By this just model has reformed the stage.
Now, *should it fail* (as Heaven *avert* our fear !),
Damn it in silence lest the world should hear.
For, were it known this poem did not please,
You might set up for perfect savages ;
Your neighbours would not look on you as men,
But think the nation all turned Picts *again*.

3. Give a *general* analysis of the first six lines of the foregoing passage, and parse the words italicised.

4. Derive six of the following words :—*Fortnight, rage, hemorrhage, harbour, physiology, style, frail, botany, yacht, boycott, cordial, beef-eater.*

5. Give instances of the use, as different parts of speech, of *six* of the following :—*Still, but, since, even, which, fare, so, the.*

6. Improve the following sentences, and give reasons for the alterations that you make :—

(*a*) He is our mutual benefactor, and deserves our respect and obedience.

(*b*) A talent of this kind would perhaps prove the likeliest of any other to succeed.

(*c*) All the power of ridicule, aided by the desertion of friends and the diminution of his estate, were not able to shake his principles.

(*d*) I conceived a great regard for him, and could not but mourn for his loss.

Saturday, 28th September, 1895.

SECOND PAPER (Old Model)—12 noon to 2 p.m.

(Eight *questions are to be answered, and no more : and of these*, two *from each section*).

Section A.

1. Who were the Lake Poets? Give some account of the life and works of any *one* of them.

2. Give some account of *one* of the following works :—

The Pilgrim's Progress (either part); *Gulliver's Travels* (any one expedition); *Enoch Arden : Childe Harold : Oliver Twist : Vanity Fair.*

3. Name the authors of the following works, and give some account of any one author :—*The Canterbury Tales : Tamburlaine : Comus : The Rape of the Lock ; Tom Jones : The Deserted Village : Vanity Fair ; In Memoriam.*

4. Give some account of *three* of the following characters:—
The Wife of Bath, Sir John Falstaff, Prospero, Portia, Dr. Primrose, Edie Ochiltree, Caleb Balderston, Mr Micawber, Enid, John Silver.

SECTION B.

5. (*a*) Reproduce the substance of Mark Antony's speech over the body of Caesar.

Or,

(*b*) Reproduce the substance of the dispute between Brutus and Cassius. What light does it throw upon the character of Cassius?

6. (*a*) Sketch the character of George Heriot, and indicate the part he plays in *The Fortunes of Nigel.*

Or,

(*b*) Describe the incidents of Nigel's meeting with the King in Greenwich Park, and show how they illustrate some of the characteristics of Charles and Buckingham.

SECTION C.

7. Give an account of the causes and progress of the American War of Independence, and note the leading statesmen and soldiers concerned on each side.

8. Write short notes illustrating the historical importance of *six* of the following:—Sir Robert Walpole, the Duke of Cumberland, John Wilkes, Hyder Ali, Edmund Burke, Henry Addington, Admiral Duncan, Lord John Russell, Lord Brougham.

9. Describe briefly the various efforts made by the partisans of the House of Stuart in the reigns of George I. and George II. to regain the throne for the exiled family.

10. Write short notes upon *six* of the following:—The Treaty of Utrecht; the Excise Bill; the Treaty of Aix-la-Chapelle; the Walcheren Expedition; the Bombardment of Algiers; the Abolition of the Slave Trade; the Armed Neutrality; the Legislative Union of Great Britain and Ireland; the lines of Torres Vedras; Catholic Emancipation; the Premiership of the Duke of Wellington; the Poor Law Reform Bill; the Congress of Vienna.

SECTION D.

11. Specify the chief textile manufacturing districts of the United Kingdom, naming the chief seats of the manufacture, and say whence in the case of each industry the raw material is obtained, and by what seaport.

12. Draw a map of India, inserting rivers, mountain ranges, and chief towns.

13. State the chief products of *five* of the following regions, and name and locate in each of those selected an important town:—Manitoba, British Columbia, Jamaica, British Guiana, Natal, West Australia, Tasmania, Burmah.

14. Locate and write a brief note upon *ten* of the following:—Trieste, Rangoon, Yokohama, Dunedin, Pretoria, Valparaiso, Bahia, Herat, Moukden, Odessa, Belize, Brindisi, Ballarat, Lyons, Astrakhan.

ENGLISH.

Saturday, 28th September, 1895.

NEW MODEL—9 A.M. TO 12 NOON.

(EIGHT *questions to be answered, and no more.* 1 *and* 2 *must be answered, and either* 3 *or* 4, *and either* 5 *or* 6. *The remaining* FOUR *may be any questions in the paper not already answered.*)

1. Write an essay, from two to three pages long, upon one of the following subjects :—

(*a*) Gulliver's Travels.
(*b*) The Life of a Country Doctor.
(*c*) The Possibility of Abolishing War.

2. Express in prose the following passage :—

O patriot statesman, be thou wise to know
The limits of resistance and the bounds
Determining concession; still be bold
Not only to slight praise but suffer scorn;
And be thy heart a fortress to maintain
The day against the moment, and the year
Against the day; thy voice, a music heard
Thro' all the yells and counter-yells of feud
And faction, and thy will a power to make
This ever-changing world of circumstance
In changing, chime with never-changing law.

3. Say what you know of *four* of the following :—The Roman occupation of Britain; the period of Danish rule in England; the relations of Scotland and England in the Norman period; the Civil War in Stephen's reign; Henry II.'s contest with the Church; Magna Charta; Henry V.'s campaign in France; the relations of England and Scotland in the reign of James IV.; Perkin Warbeck; the progress of the Reformation in Edward VI.'s reign; the rule of the Regent Moray in Scotland; the Spanish Armada; the English in Ireland in Elizabeth's reign; Mary Stuart in England.

4. Say what you know of *four* of the following :—The Duke of Buckingham; Cromwell's share in the Civil War; Ireland under the Commonwealth; the Earl of Clarendon; Monmouth's rebellion; the Revolution of 1688 in Scotland; the war of the Spanish Succession; Walpole's Administration; Clive's work in India; the conquest of Canada; the loss of the American colonies; the chief naval successes in the great war with France; the Peninsular War; the chief provisions of the Reform Bill of 1832.

5. Mention the British possessions and protectorates in Africa, and note for each the products, and the situation of the chief towns.

6. State the position of *six* of the following districts :—Ontario, New South Wales, the Argentine Republic, Bavaria, Bengal, Pennsylvania, Algeria, the Punjaub. Mention either (*a*) a mountain range, *or* (*b*) a river; also name and locate an important town in each of the districts selected.

7. Improve either in expression or in structure the following sentences, and give reasons for each change made:—

(*a*) My old friend, after having seated himself, and trimmed the boat with his coachman who, being a very sober man, always serves as ballast on these occasions, we made the best of our way to Fox-hall.

(*b*) Our sympathies are naturally divided as to the revolting Armenians.

(*c*) A talent of this kind would perhaps prove the likeliest of any other to succeed.

(*d*) Looking to the last contest, the chances of the two candidates are about even, and it is not possible to predicate either who is the best of the two, nor which will prove the more superior.

8. Give a *general* analysis of the following passage, and parse the words italicised:—

To thee I call,
But with no friendly voice, and add thy name
O *Sun, to tell thee* how I hate thy beams,
That bring to my rememberance from *what* state
I fell, how *glorious once* above thy sphere.

9. Give instances of the use as different parts of speech of *six* of the following:—*Still, but, even, since, which, fare, so, the.*

10. Derive *nine* of the following words:—*Rage, hemorrhage, harbour, style, physiology, frail, botany, yacht, boycott, cordial, beef-eater, fortnight.*

11. Name the authors of *six* of the following works, and give an account of one of the works:—*Arcadia, Cymbeline, As You Like It, Lycidas, Hudibras, Roderick Random, The Task, The Prisoner of Chillon, Adonais, The Newcomes, Annals of the Parish, Redgauntlet, Silas Marner, Barnaby Rudge.*

12. (*a*) Give some account of the process by which a Bill introduced into the House of Commons becomes a law of the land.

Or,

(*b*) Explain what is meant by a limited liability company.

Or,

(*c*) Explain what is meant by a system of Protection, *or*, of Bi-metallism.

FRENCH.

Tuesday, 1st October, 1895.—3 TO 6 P.M.

I. Translate into English:—

Le roi de France (Louis XI.), vaillant de sa personne, avait moins de courage dans ses résolutions que le duc Charles. Il avait aussi de bien plus grands embarras et plus de périls intérieurs dans le gouvernement de ses états; mais c'était à la fois le plus actif et le plus patient des hommes. Lorsque le duc de Bourgogne avait conçu un projet, il

s'y obstinait follement, et, quand enfin il y voyait trop d'obstacles, il se précipitait dans un autre. Le roi, au contraire, sans varier dans son dessein, ne mettait jamais nulle fierté à y réussir par un moyen plutôt que par un autre. La vivacité de son génie le portait à s'ennuyer assez vite de ce qui tardait trop, et alors il changeait non de but, mais de chemin. Il réduisit ainsi tous ses ennemis les uns après les autres, sachant attendre l'occasion, et surtout réparer ses fautes, parce qu'il les connaissait et savait mieux que personne en quoi et pourquoi il s'était trompé. Quant à la ruse et au manque de foi, l'un ne pouvait guère en faire de reproches à l'autre; mais chacun y faisait voir tout son naturel, et l'emportement du duc donnait quelque chose de brutal et de scandaleux à ses trahisons, comme à Péronne ou pour le connétable et la duchesse de Savoie. De même ils étaient tous les deux sanguinaires, ainsi que la plupart des princes de leur temps, et faisaient peu de compte de la vie des hommes; mais le duc était cruel par colère, et le roi par vengeance; l'un fit périr plus de gens par les massacres, et l'autre par les supplices.—BARANTE.

II. GRAMMAR.

1. Form three French sentences to show the three different meanings of *leur*.

2. Explain the use of the preposition *de* in "quelque chose de brutal" of the preceding passage. Give other instances of the same construction.

3. Give the plural of *beau-frère*, *porte-feuille*, *celui-ci*, *notre*, *le vôtre*, *sourd-muet*.

4. Name the French accents and explain their different functions.

5. Form adverbs from *doux*, *cher*, *bon*, *fort*, *cruel*, *poli*. Which of these adjectives may also be used as adverbs, and under what circumstances? Give also the present and past participle of *craindre*, *savoir*, *conduire*, *voir*.

III.

Translate into French:—

(*a*) George III. was one day visiting a small town in the south of England, and, being anxious to see something of the country, took a solitary walk. He came to a field in which there was only one woman at work. The king asked where all the rest were. She said they were all gone into the town to see the king. "Why didn't you go too?" said George. "Why!" she answered, "I wouldn't walk three yards to see him. Besides, they have lost a day's work by going, and I am too poor to do that, with five children to feed." George slipped a sovereign into her hand and said, "When the rest come back tell them that, while they were gone to see the king, the king came to see you, and left you his portrait in gold to remember him by."

(*b*) When you have read the newspaper, give it to me. Do not be afraid, there is no danger. Give him something to eat; he seems to be very hungry. What a noise those children are making! Tell them to be quiet. We had not seen each other for the last ten years.

GERMAN.

Wednesday, 2nd October, 1895.—3 TO 6 P.M.

I.

Translate into English :—

Es war am 5. November 1757 bei dem Dorfe Rossbach, eine Meile von Lützen, wo Gustav Adolf gefallen war, als eine der sonderbarsten Schlachten geliefert wurde. Der König lockte die Franzosen durch eine rückgängige Bewegung aus ihrer vorteilhaften Stellung. Sie glaubten er suche sich aus ihren Händen zu retten und bemühten sich daher, ihm in den Rucken zu kommen. Friederich, der sich wieder gelagert hatte, verliess sich auf die Geschwindigkeit, mit welcher seine Truppen in Schlachtordnung gestellt werden konnten, sah daher den Bewegungen der Feinde gelassen zu und liess seine Linien nicht einmal ausrucken. Das preussische Lager stand unbeweglich, und da es eben Mittagszeit war, beschäftigten sich die Soldaten mit ihren Mahlzeiten. Die Franzosen, welche dies in der Ferne sahen, trauten kaum ihren Sinnen ; sie hielten es für dumpfe Verzweiflung, in der man selbst auf alle Verteidigung Verzicht leistet. Diese auf's höchste gespannte Erwartung war nicht wenig Ursache ihres so geringen Wiederstandes und ihres panischen Schreckens. Der General Seydlitz nämlich kam mit der preussischen Reiterei auf einmal hinter einem Hügel hervor und stürzte wie ein Donnerwetter mit künstlichen Wendungen auf den hoffnungstrunkenen Feind los. Was nie auf einem Schlachtfelde erhört war, geschah hier ; die leichtbewaffneten Husaren mit ihren behenden Pferden waren verwegen genug, die schwere franzosische Reiterei trotz ihrer kolossalen Rosse anzufallen. Sie wurde über den Haufen geworfen. Soubise liess die Nachhut vorrücken ; allein kaum zeigte sie sich, so wurde sie auch aus dem Felde geschlagen.—ARCHENHOLTZ.

II. GRAMMAR.

1. Give the genitive of :—*Hans, Augustus, Sophie, Friederich Schiller, Kaiser Franz, Karl der Grosse.*

2. Give instances of the use of the accusative and genitive respectively to denote time.

3. Give the feminine of :—*Gott, Hund, Edelmann, Prinz:* and explain the difference of the feminine formation in *die Deutsche* and *die Französin*, corresponding to *der Deutsche, der Franzose* respectively.

4. What cases are governed by the following prepositions and verbs?—*nach, für, auf, neben, gehorchen, folgen.* Give instances in each case.

5. Give the third person singular of the present and imperfect indicative and the past participle of *wissen, laufen, graben, bitten, beten, ziehen.*

III.

Translate into German :—

(*a*) Fox, the great statesman, who was the rival of Pitt, owed a tradesman twenty pounds ; and the tradesman, who had often asked him for them, called one day and found Fox counting money. "Ah ! sir," cried he, "I am glad to see you have plenty of money to-day ; perhaps you will be good enough to pay me my little bill." Fox

answered that he was very sorry, but he really could not: he owed the money to Mr. Sheridan, and it was a debt of honour. "Well," said the tradesman, "I will make mine a debt of honour too," and he tore up the promissory note which Fox had given him for the money. Fox paid him at once, saying, "My debt to you is of older standing; Sheridan must wait."

(*b*) I wished you had been here. They believed it to be true. He left without looking back. We were most kindly received by our neighbours. He was very pleased with everything he saw. When we arrived they were just going to begin.

II.—PROFESSIONAL EXAMINATIONS.

I.—FIRST PROFESSIONAL EXAMINATION.

CHEMISTRY—Two Hours.

7th October, 1895.

1. What compounds does nitrogen form with hydrogen and with oxygen? Mention the more striking properties of these. What are the principal sources of nitrogen compounds?

2. Describe some of the more important compounds of mercury, and explain how you could prepare these from the metal.

3. What are the chief properties of ozone? Give the equation for its action on potassium iodide, and explain how its constitution has been arrived at.

4. Give the constitutional formulae of iodoform, ethyl alcohol, acetic aldehyde, grape sugar, phenol, and salicylic acid, and state what you know as to the chemical behaviour of these substances.

5. Explain as briefly as possible what you understand by the atomic theory. What are the chief grounds, chemical and physical, for accepting it as correct?

BOTANY—One Hour and a Half.

7th October, 1895.

(*Only* FOUR *answers to be attempted by candidates for first professional. Candidates for first B.Sc. should attempt all the questions.*)

1. Give an account of the chief facts associated with the absorption and elimination of carbon in the metabolism of green plants.

2. Two plants are grown from similar seeds at the same time, one in light, the other in darkness: describe the appearances the two plants will present, and explain them as far as you can.

3. How are intercellular spaces formed in vegetable tissues? What part do they play in the physiological processes?

4. What kind of organism is Vaucheria? Where may it be found? How is it propagated? How is it nourished?

5. Give an account of the details of fertilisation in Angiosperms.

ZOOLOGY.

1. Describe the various modes of reproduction and note the differences of the skeletal structures in Protozoa.

2. What is Polymorphism? Illustrate this from the Siphonophora, and compare the individuals with similar forms found amongst the Coelenterates.

3. Describe the circulatory system in a Teleostean, and mention how it differs from that (1) of a frog, and (2) of a bird.

4. Compare the excretory system in an Annelid (*e.g.* a leech or an earthworm) with that in an Insect and in a Mollusc.

5. Describe the digestive system of a Ruminant, say a sheep.

PHYSICS—Two Hours.

8th October, 1895.

(*Not more than* four *questions to be answered.*)

1. Describe, concisely, Atwood's machine and explain how you would illustrate by its means the relations (which state) connecting the velocity acquired and space described from rest with the time of motion, in the case of uniform acceleration.

Masses of 3 lbs. and 5 lbs. hang from the two ends of a fine string passing over a pulley the inertia of which may be neglected. Find the loss of potential energy of the system in 4 seconds after the system is allowed to get into motion and show that it is equal to the kinetic energy acquired.

2. From what physical data regarding a gas can the so-called Newtonian velocity of sound in the gas be calculated? State, with reasons for your answer, whether this velocity depends on the height of the barometer, and show how it depends on the temperature.

How does the actual velocity of sound in air differ from the Newtonian velocity and why? How has it been experimentally determined?

3. Explain fully the meaning of the following statements:—The specific heat of copper is 0·095: the thermal conductivity of copper is 0·96. The latent heat of steam at 100° C. is 537.

An ounce of steam at 100° C. is passed into 9 ounces of water at 15° C. and the result is 10 ounces of water at temperature t° C. Find that temperature.

4. How would you arrange a battery of a few voltaic cells of moderate resistance (1) to heat an electric cautery (a loop of platinum wire connected to the battery by thick copper wires), (2) to light a small electric lamp consisting of a carbon filament of fairly high resistance in a vacuous globe?

What is "polarization" of a voltaic cell, and how is it produced? How is it prevented in a Daniell's cell?

5. Make a drawing illustrating the formation of the optical image of an object (not a point) by a plane mirror. Explain the principle of the kaleidoscope.

Show the course of the rays forming the images of an object placed between two mirrors at right angles to one another.

6. Make a careful drawing illustrating the dispersion of a ray of white light by a prism.

How would a small gas flame or a candle flame appear if viewed with the eye through a glass prism? Give a diagram.

II.—SECOND PROFESSIONAL EXAMINATION.

DESCRIPTIVE ANATOMY (M.B. AND C.M.).

8th October, 1895.

1. Describe the Eustachian tube in its whole length.

2. Describe the deep muscles of the back of the leg, and the structures by which they are respectively bound down.

3. Describe the microscopic structure of the grey matter of the cerebral convolutions.

4. Describe the ripe Graafian vesicle and its contents, including the details of the ovum.

ANATOMY (M.B. AND CH.B.).

8th October, 1895.

1. Describe the inferior division of the posterior triangle of the neck, stating the structures superficial to it, and giving a particular account of the disposition of vessels and nerves within it.

2. Describe the biliary passages, both those within and those beyond the liver, and state the peculiarities of structure of the mucous membrane of the gall bladder and larger biliary ducts.

3. Give an account of the part taken by each of the three primary cerebral vesicles in the development of the brain.

4. Describe the interphalangeal and metacarpophalangeal joints, and the disposition of tendons and the sheath in the middle finger.

PHYSIOLOGY—TWO HOURS.

Tuesday, 8th October, 1895.

(ALL *the questions must be attempted.*)

1. Describe the *cardiac impulse* as to (1) position and extent on the chest wall, (2) time in the cardiac cycle, and (3) mechanism.

Draw a cardiogram and explain the different parts of the tracing.

2. Describe the digestion and the absorption of *fats*. What is their fate in the animal body? Compare the dietetic value of *fats* with *proteids*.

3. Give an account of arrangements connected with the *maintenance of equilibrium*, mentioning in your answer the paths followed by the nervous impulses.

4. Describe the mechanism of the *membrana tympani* and the bones of the middle ear. Give the nervous supply of the parts in the middle ear.

MATERIA MEDICA AND THERAPEUTICS (M.B. AND CH.B.).

9th October, 1895.

(THREE *questions to be answered*, ONE *of which must be No.* 2.)

1. What is Appendicitis? State how you would treat a severe and a mild case of this affection.

2. Write prescriptions which might be presented to a pharmaceutical chemist for the following affections:—(1) gout, (2) spasmodic asthma, (3) lead poisoning, (4) habitual constipation, employing the following drugs or their galenical preparations:—Potassium, sodium, lithium, ferrum, magnesium, oleum crotonis, opium, nux vomica, cascara sagrada, belladonna, colchicum, stramonium, aloe, lobelia, podophyllum, nitro glycerinum.

3. Describe the treatment and general management of a case of chronic Bright's Disease (contracted granular kidney).

4. What is Elaterium? Give an account of its actions, and state in what disorders it is usually prescribed, and in what doses.

III.—THIRD PROFESSIONAL EXAMINATION.

REGIONAL ANATOMY (M.B. AND C.M.).

9th October, 1895.

1. Describe the anastomoses of arteries at the base of the brain and on its surface.

2. Describe the arteries and nerves of the sole of the foot.

3. Describe the origin, course, branches, and anastomoses of the superior thyroid, the lingual and the occipital artery.

4. Describe the position, relations, and vascular and nervous supply of the kidneys and suprarenal capsules.

MATERIA MEDICA (M.B. AND C.M.).

9th October, 1895.

(THREE *questions to be answered*, ONE *of which must be No.* 1.)

1. Name the principal ingredients in—
   Pulvis rhei compositus.
   Liquor arsenicalis.
   Tinctura camphorae composita.
   Pulvis glycyrrhizae compositus.

2. Give an account of the physiological actions and therapeutic uses of acidum hydrocyanicum dilutum, and mention its doses.

3. State the chief medicinal uses of acidum sulphurosum, and its doses.

4. What are the "injections" and "discs" of the pharmacopoeia? Give the composition and strength of each preparation.

PATHOLOGY—Two Hours.

25th March, 1896.

(*Only* four *questions to be answered.*)

1. Describe the microbes which are concerned in the causation of diphtheria, tetanus, and cholera, and give an account of the manner in which they produce the symptoms of their diseases.
2. What are the causes, sites, and results, both immediate and remote, of cerebral haemorrhage?
3. Describe the lesions in the abdominal viscera which occur in typhoid fever.
4. Describe the various forms of abscess which occur in the liver, their causes, and the complications to which they may give rise.
5. What are hydronephrosis and pyonephrosis, and how do they arise?

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH

25th March, 1896.

(Five *questions to be answered, including Nos.* 5 *and* 6.)

1. What appearances upon the dead body or its surroundings might indicate—
   (*a*) Homicide by hanging.
   (*b*) Homicide by cut-throat and *post-mortem* suspension.
2. What are the causes of death following immersion in water? Describe the early *post-mortem* appearances in each case.
3. What are the different classes of antidotes? Give two examples of each, and discuss their relative value in the treatment of poisoning.
4. Describe the symptoms which may occur in poisoning by oxalic acid. In a fatal case what is the average duration of life, and what are the usual *post-mortem* appearances?
5. Describe any two of the processes at present in use for the purification of sewage by precipitation, and discuss the action of the precipitants employed.
6. What principles would guide you in arranging for the proper ventilation of a hospital ward constructed to accommodate thirty patients?

IV.—FINAL PROFESSIONAL EXAMINATION.

SURGERY—Two Hours.

5th July, 1895.

(Four *questions only to be answered.*)

1. Give the symptoms and appearances of infective sigmoid sinus thrombosis.
2. Describe the pathological conditions which may produce strictures of the rectum. Give the symptoms, differential diagnosis, and treatment of the various forms.

3. Describe the symptoms and appearances attending empyema in the antrum of Highmore.

4. Differentiate, clinically and pathologically, carcinomatous from sarcomatous tumours.

5. What is the usual seat of fracture of the pelvis due to indirect violence? What complications may attend such an injury? Describe the symptoms and treatment of the fracture and of its complications.

PRACTICE OF MEDICINE—Two Hours.

5th July, 1895.

1. Indicate the circumstances under which pulmonary complications of cardiac valvular diseases are to be expected; the kinds of valvular disease most, and those least, liable to such complications; the principal physical signs of the valve-diseases mentioned, and the treatment to be adopted in view of the complications.

2. Give a sketch of the progress of a case of Enteric or Typhoid Fever in its ordinary form, and also with allusions to its leading complications. Mention some other forms of disease which at times closely resemble this fever, and indicate the diagnosis.

3. In diseases (and especially syphilitic diseases) of the brain, conclusions are often arrived at from the implication of certain cerebral nerves. Mention the nerves most likely to be thus involved, the symptoms specially indicating such lesions, and give some examples of the mode in which the diagnosis, prognosis, and treatment of a cerebral disease might be influenced by the presence, or otherwise, of such special lesions.

4. In November, 1887, three cases presented themselves in the Western Infirmary, and were made the subjects of comparative observation and remark at the time. All these patients were of the female sex, and after appropriate treatment were ultimately dismissed apparently well. It is impossible, of course, to give more than a very few of the leading facts here, but the following may suffice to admit of some reasonable clinical commentary, and a brief indication of probable diagnosis :—

(*a*) B. Y., aet. 12. Abdominal distension, by no means extreme, greatest in the middle or sub-umbilical regions, where also there is increased resistance to palpation, and a notable degree of dulness on light percussion corresponding closely with the increased resistance, and replaced by a more or less tympanitic note on greater force being used. Percussion in the epigastric and hypochondriac regions approximately or actually normal; also normal in the flanks, and nearly so in iliac and hypogastric regions. Pelvic examination not made, in consideration of her age, and of the other facts rendering a pelvic origin improbable. Fever distinct at first, but never high, subsiding after a week or two, after which patient began to gain weight, the increase ultimately being from 4 st. 7 lbs. to 5 st. 12 lbs.

(*b*) R. F., aet. 21. Married. Had a baby on August 24, under normal conditions, and with an apparently good recovery for three weeks. Then followed diarrhoea and painful swelling of abdomen. The milk had spontaneously failed about a month after delivery, and the symptoms continued up to admission on October 6. Temperatures during the first

three weeks in hospital once reached 101·8 degs., and once 102·2 degs. F., with daily oscillations amounting to 2, 3, and once 4 degs.; after this, a period of more normal temperatures, and then renewed occasional febrile disturbances, ultimately in the course of November subsiding again to normal, with disappearance of all symptoms, both local and general. The physical diagnosis, like the history, pointed distinctly to a pelvic origin, and was made with care and recorded in detail in the journals, showing a quite definite lesion recognizable by examination of abdomen and *per vaginam*. Urine sp. 1023, contained a trace of albumen on one or two occasions, but mostly only amorphous urates. A suspicion of pulmonary disease, entertained at first, was discounted as not of any importance.

(*c*) M. S., aet. 22. A virgin. This case had many points of resemblance to the last, as respects the abdominal intumescence and some of the pelvic signs. Temperature maximum 101·4 degs., with subsidence to nearly normal after ten days of treatment and rest in bed. First symptoms distinctly associated with a menstrual period about a fortnight before admission, in the midst of which she "took cold," shivered, and had pains throughout the body and in the abdomen and pelvis, with severe vomiting and some diarrhœa up to date of admission, the pain gradually becoming more concentrated in the lower abdominal region towards the left side, where also the physical signs seemed to become more circumscribed, gradually disappearing after admission. A very imperfect trace of catamenial return soon after admission. Three weeks after admisson (and five weeks from the preceding period) a normal catamenial discharge, after which no further symptoms recorded, and patient dismissed free alike from pain and from the physical signs. Trace of albumen in the urine at first; afterwards none.

Comment upon these three narratives as here presented, and add any remarks that may occur to you upon the distinctive phenomena of the last two cases (*b* and *c*) as compared with the first (*a*), and any elements in the diagnosis not here stated, but which you would expect to have been present. What medicinal treatment might you have employed in each case, on the view of its pathology that occurs to you as most probable? Give prescriptions in full, with directions in English, as to be made up by a chemist.

OBSTETRICS AND GYNAECOLOGY—Two Hours.

8th July, 1895.

(*Answer* four *questions, including the* fourth *and* fifth.)

1. Enumerate the complications and dangers to the foetus in pelvic presentation, and describe the treatment in such circumstances.

2. Describe the preventive and active treatment of puerperal eclampsia.

3. State under what circumstances podalic version may be required, and describe how the operation may be performed.

4. What are the indications for the use of the curette? State fully how it is used.

5. Describe in detail the treatment of *complete rupture* of the perineum.
(*a*) Immediately after delivery,
(*b*) Some months afterwards.

FORENSIC MEDICINE.

6th July, 1895.

(FOUR *questions to be answered—of which the* FOURTH *must be one.*)

1. Enumerate the varieties of coma likely to be met with in persons who have been able to go about in public. Give the differential diagnosis of that due to alcohol.
2. Describe the "Hydrostatic test." What significance is attached to it as proving live birth?
3. In death from intracranial haemorrhage describe the differential diagnosis between that due to violence and that from natural causes.
4. Give the symptoms and treatment of acute poisoning by carbolic acid. How may carbolic acid be detected in the urine?
5. What diseases are directly due to, or specially intensified by, impure air? Mention the impurities found in the air in thickly populated places. How is impurity of the air estimated?

PATHOLOGY—TWO HOURS.

8th July, 1895.

(*Only* FOUR *questions to be answered.*)

1. Give an account of the causation and the usual phenomena in acute pneumonia as observed *post mortem.*
2. How is occlusion of the cerebral arteries brought about? Mention its more usual seats, and explain the reasons for their selection. What are the consequences liable to result, distinguishing both the more immediate and the more remote?
3. Give an account of the morbid anatomy of diphtheria. What are the lung complications which may follow?
4. Describe the following lesions of the pleura:—(1) tubercular pleurisy; (2) the pleural lesions which may arise in ordinary pulmonary phthisis.
5. Describe the changes found in the blood and organs in leukaemia and lymphadenoma respectively.

V.—DEGREES IN LAW.

I.—PRELIMINARY EXAMINATIONS FOR B.L.

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a.—ARTS AND SCIENCE PRELIMINARY.

(See pp. 398-419.)

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b.—ARTS SUBJECTS.

(Same as for Degree of M.A. See pp. 419-448.)

1. CIVIL LAW—THREE HOURS.

(*Candidates are requested to answer only* TEN *of the following twelve questions.*)

1. Describe the functions of (*a*) the censor and (*b*) the tribuni plebis.

2. Explain the importance in the history of the law of the two collections known respectively as the *Jus Flavianum* and the *Jus Aelianum*.

3. What were (*a*) the quinquaginta decisiones and (*b*) the novellae constitutiones?

4. Earum personarum quae alieno juri subjectae sunt, aliae in potestate, aliae in manu, aliae in mancipio sunt (Gai. Inst., I. 49). Explain this statement, dealing particularly with the meaning of *manus* and the modes in which it was created.

5. State concisely the essential conditions for a lawful marriage in the time of Justinian.

6. Explain fully the statement of Ulpian: pupillorum pupillarumque tutores et *negotia gerunt* et *auctoritatem interponunt*; mulierum autem tutores auctoritatem duntaxat interponunt. Annotate particularly the expressions in italics.

7. Describe *mancipatio*, and show its relation to (*a*) *coemptio*; (*b*) *nexum*; (*c*) *testamentum per aes et libram*.

8. Enumerate the several *jura in re alienâ* recognized by Roman law. Distinguish praedial and personal servitudes. Mention the chief modes in which praedial servitudes might be constituted.

9. What were the special privileges allowed by Roman law to the testamentary dispositions of soldiers?

10. Explain the *beneficium inventarii*. Discuss the effect of its introduction upon the old theory of law that the heir is *eadem persona cum defuncto*.

11. What do you understand by an *obligatio naturalis*? To what effects did an obligation of this sort receive legal recognition?

12. Give a brief account of the main features of the system of legal procedure developed by the praetors. Mention the ordinary clauses of the *formula*. Explain what is meant by an *exceptio*, using as an illustration the *exceptio pecuniae non numeratae*.

(*Candidates who aim at the* LL.B. STANDARD *are recommended to answer, in addition to the above,* TWO *of the following questions.*)

1. Translate, with such comments as seem relevant, the statement of Ulpian: Si res ita distracta sit, ut si displicuisset inempta esset, constat non esse sub condicione distractam, sed resolui emptionem sub condicione.

2. What was the peculiarity of a sale *per aversionem*?

3. Clavibus traditis ita mercium in horreis conditarum possessio tradita videtur, si claves apud horrea traditae sint: quo facto confestim emptor dominium et possessionem adipiscitur, etsi non aperuerit horrea: quod si venditoris merces non fuerunt, usucapio confestim inchoabitur. Explain and discuss this doctrine.

2. LAW OF SCOTLAND—Three Hours.

(*Not more than* TEN *of the following questions to be attempted.*)

1. Enumerate and explain the different kinds of irregular marriage.

2. What is meant by compensation of debts? Explain the rules which regulate its application.

3. When a contract has been induced by fraud, explain the position (1) of the person defrauded, (2) of an innocent third party who has for valuable consideration acquired property parted with under the contract, (3) of an innocent assignee for value to an obligation created by the contract.

4. Explain "innuendo," "privilege," and "veritas" in the law of defamation.

5. State the rules of ranking in bankruptcy on a partnership estate and on the separate estates of the individual partners.

6. Explain the differences in principle between the contract of fire insurance and the contract of life insurance, and notice some of the results which flow therefrom.

7. Explain the law as to building restrictions and negative servitudes.

8. What is a negotiable instrument? To what extent does a bill of lading fall under the description?

9. What are the conditions requisite (1) for the acquisition, (2) for the retention of an industrial settlement under the Poor Law.

10. How may a limited liability company be formed under the Companies' Acts? In what ways may it be wound up? What provisions exist for equalizing diligence in a winding up?

11. Under what circumstances is an unpaid seller's right of lien or retention or stoppage in transitu affected by a sale or other disposition of the goods made by the buyer?

12. Explain the terms "corpus delicti," "art and part," "hamesucken," "reset of theft," "stouthrief."

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3. CONVEYANCING—Three Hours.

(Twelve *questions must be answered.*)

1. Give a short account of the origin and development of the Feu Charter. Indicate the modifications introduced by modern legislation.

2. Write a short historical account of the subject of the entry of Singular Successors with the Superior.

3. What is the leading provision of the Conveyancing Act of 1874 with reference to entry with the Superior? What effect would this have had upon the right to demand casualties, and how did the Act attempt to preserve that right unaffected?

4. What is consolidation? What is its precise effect, and how may that be distinguished from the effect of an irritancy *ob non solutum canonem*? Illustrate your answer by reference to (*a*) subfeus or other subaltern rights in the *dominium utile*; (*b*) superiority and property held under different destinations, (1) entailed, (2) unentailed; (*c*) a bond and disposition in security affecting the *dominium utile*.

5. What was Burgage tenure? Explain its relation to the ordinary feudal tenure. Mention the principal ways in which the difference affected the transmission of property. How far were feus of burgage property competent before 1874?

6. What is the rule for determining whether or not mines and minerals are carried by a conveyance of lands? What is the principal exception?

7. Give the rule as to the evacuation of a special destination by a subsequent general conveyance where the special destination is (*a*) by the same and (*b*) by a different person from the grantor of the general conveyance.

8. Explain institution and substitution, both simple and conditional. Give examples. In what circumstances is it competent and advisable to complete the title of an institute by service?

9. What is meant by a fiduciary fee, and how is it distinguished from a beneficial fee? Can both characters be combined in one person by the same destination? Give examples, mentioning the true fiar in each case and how his title may be completed (*a*) if the fiduciary fiar is alive, (*b*) if he is dead.

10. Under the following destinations,

To A in liferent and her children in fee,
To A in liferent and her children D and E in fee,
To A in liferent allenarly and her issue in fee,
To A in liferent allenarly and her heirs in fee,

explain precisely the position of the fee. Suppose the conveyance recorded in the full terms of the destination, in how many ways, specifying them, can you complete the title of the children, D and E, the issue and the heirs respectively?

11. Give the rules for determining under destinations to spouses in conjunct fee and liferent (1) in whom is the fee during the joint life of the spouses, and (2) the succession after the death of the first deceaser.

12. A infeft and entered with a subject superior dies leaving a general trust disposition and settlement. In how many ways, specifying them, might the trustees' title have been completed (*a*) in 1840, (*b*) in 1850, and (*c*) in 1870?

13. What were the requisites of a General Settlement *habile* to carry Scotch heritage prior to 1868? How were they altered by the Conveyancing Act of that year, and what further alterations were made by the Conveyancing Act of 1874?

14. What is the *conditio si sine liberis*? Explain the circumstances regulating its operation (*a*) in the character of the deed, (*b*) in the relation of the parties. In a destination to a class where the vesting is postponed and the shares of predeceasers are destined to the survivors, explain precisely the result of the operation of the *conditio* in favour of the children of a member of the class who predeceases the period of vesting.

15. What are the various kinds of warrandice? To what circumstances is each kind appropriate, and when in the absence of express stipulation will it be implied?

16. Specify the various prescriptions affecting land rights and diligencies.

4*a*. PUBLIC LAW—THREE HOURS.

(*For Candidates under the Old Regulations. Omit in each group any* TWO *questions except the first*).

A.

1. Discuss the relation of a new state to the contractual rights and liabilities of the parent state. Give some illustrative details. On what ground of reason is the relation determined?

2. Explain and criticise the doctrine of exterritoriality.

3. Give the general rule as to the liability of property belonging to an enemy to be confiscated or not, when it is found by a belligerent within his own jurisdiction. War having broken out between two states, can money that has been lent by individual subjects of one of them to the government of the other be lawfully confiscated, and the interest payable on the loan sequestrated?

4. What are cartel ships? Note the principal rules applicable to them. Is a cartel ship entitled to carry merchandise?

B.

5. When a community is in revolt from the state to which it has hitherto belonged, what is the effect of its being recognized as belligerent (*a*) by a foreign state; (*b*) by the parent state? Has such a community, while it is still engaged in the struggle for independence, a right under any circumstances to demand recognition by a foreign state?

6. Is a state entitled, and if so, how far, to force an alien who is resident within its territory to contribute by personal service to the defence of the state (*a*) in its internal relations, (*b*) in its external relations? Make the principle clear which governs decision of the question.

7. Distinguish between retorsion and reprisal, and explain in what circumstances each of these measures is permissible and appropriate.

8. The United States of America being at war with France, an American cruiser captures a merchant vessel belonging to the enemy. The prize is released on ransom, but one of its officers is kept as a hostage. The captor on his way to port is himself captured. On the supposition that the cruiser, at the time of its being taken, has on board (*a*) both the ransom bill and the hostage; (*b*) the bill, but not the hostage; (*c*) the hostage, but not the bill; (*d*) neither the bill nor the hostage, and that the hostage or the bill, when not on board, has previously been carried in safety to New York; what is the effect of the capture of the cruiser on the liability of the owner of the merchant vessel for the sum stipulated in the bill?

9. What are the conditions essential to the establishing and the keeping up of a maritime blockade? How in British practice does a neutral become affected with knowledge of a blockade?

C.

10. In what respects does a protectorate over an uncivilized or an imperfectly civilized country differ from a colony? Does a country subject to a protectorate come within the scope of international law? If so, how and to what effect?

11. Define piracy. Examine each point of the definition, and give a classification of piratical acts.

12. Is express ratification by the sovereign authority of a state necessary to the validity of a treaty with another state, the treaty having been negotiated on both sides by plenipotentiaries? If the express reservation, usual in modern practice, of a right of ratification be not inserted either in the powers conferred on the persons accredited for the purpose of negotiating the treaty or in the treaty itself, *quid juris*?

13. Are loans of money to one or other of two belligerent states by individual subjects of a neutral state a breach of neutrality? Show reason.

14. When belligerent ships meet in a British port, what are the rules as to their sailing away which this country, standing neutral, will enforce? Explain the bearing of the case of the Tuscarora on the matter in question.

15. Does neutral property in the territory of a belligerent fall under the liabilities of property belonging to subjects of the belligerent state? If so, on what ground, and to what extent?

D.

16. H, domiciled and ordinary resident in England, is deserted by his wife W. Some years later, when W happens to be on a visit to Glasgow, H goes to Edinburgh, but without any intention of settling in Scotland, and after a short time brings in the Court of Session an action against W for divorce on the ground of desertion. Is it competent for the Court to grant decree in this action on proof of such facts as by the law of Scotland would entitle H to obtain decree were he a domiciled Scotsman? On the assumption that the Court asserts jurisdiction and dissolves the marriage, will the Courts of England recognize the validity of the decree, or, on the contrary, regard the subsequent marriage of H in England to L as bigamous?

17. Illustrate by one or two examples the rule as to the local law which governs forms of remedies and modes of proceeding.

18. Define domicil. How may the domicil of origin be lost and a new domicil acquired?

S, a Scotchman by birth, who has been domiciled for many years in France, sets out from Paris with the avowed intention of returning to his native place and residing permanently there. He dies *in itinere*. By what law is his succession in movables to be determined?

19. F, the father by M of a male child, C, born out of wedlock, marries Q. The issue of the marriage is a son, S. After Q's death F comes to Scotland and there marries M, with whom at the date of C's birth he was under no legal impediment to intermarry. Does F's second marriage legitimate C? If so, does it entitle C, in a question with S, to succeed to F's heritable estate situated in Scotland? Discuss the case on the supposition (1) that F, at the date of his marriage with M, as well as at the date of C's birth, was a domiciled Englishman, and (2) that F, at the date of his marriage with M, has acquired a Scot's domicil, but that, at the date of C's birth, he had his domicil in England.

20. Is the *forum* of the domicil the court exclusively entitled to administer the movable estate of a deceased testator or intestate? Explain the principle on which the law is at present settled.

4*b*. PUBLIC INTERNATIONAL LAW—THREE HOURS.

(*Omit any* ONE *of the questions in group* B, *and any* TWO *of those in group* C.)

A.

1. Discuss the relation of a new state to the contractual rights and liabilities of the parent state. Give some illustrative details. On what ground of reason is the relation determined?

2. Explain and criticise the doctrine of exterritoriality.

3. Give the general rule as to the liability of property belonging to an enemy to be confiscated or not, when it is found by a belligerent within his own jurisdiction. War having broken out between two states, can money that has been lent by individual subjects of one of them to the government of the other be lawfully confiscated, and the interest payable on the loan sequestrated?

4. What are cartel ships? Note the principal rules applicable to them. Is a cartel ship entitled to carry merchandise?

B.

5. When a community is in revolt from the state to which it has hitherto belonged, what is the effect of its being recognized as belligerent (*a*) by a foreign state, (*b*) by the parent state? Has such a community, while it is still engaged in the struggle for independence, a right under any circumstances to demand recognition by a foreign state?

6. Is a state entitled, and if so, how far, to force an alien who is resident within its territory to contribute by personal service to the defence of the state (*a*) in its internal relations; (*b*) in its external relations? Make the principle clear which governs decision of the question.

7. Distinguish between retorsion and reprisal, and explain in what circumstances each of these measures is permissible and appropriate.

8. The United States of America being at war with France, an American cruiser captures a merchant vessel belonging to the enemy. The prize is released on ransom, but one of its officers is kept as a hostage. The captor on his way to port is himself captured. On the supposition that the cruiser, at the time of its being taken, has on board (*a*) both the ransom bill and the hostage; (*b*) the bill, but not the hostage; (*c*) the hostage, but not the bill; (*d*) neither the bill nor the hostage, and that the hostage or the bill, when not on board, has previously been carried in safety to New York; what is the effect of the capture of the cruiser on the liability of the owner of the merchant vessel for the sum stipulated in the bill?

9. What are the conditions essential to the establishing and the keeping up of a maritime blockade? How in British practice does a neutral become affected with knowledge of a blockade?

C.

10. In what respects does a protectorate over an uncivilized or an imperfectly civilized country differ from a colony? Does a country subject to a protectorate come within the scope of international law? If so, how and to what effect?

11. Define piracy. Examine each point of the definition, and give a classification of piratical acts.

12. Is express ratification by the sovereign authority of a state necessary to the validity of a treaty with another state, the treaty having been negotiated on both sides by plenipotentiaries? If the express reservation, usual in modern practice, of a right of ratification be not inserted either in the powers conferred on the persons accredited for the purpose of negotiating the treaty or in the treaty itself, *quid juris*?

13. Are loans of money to one or other of two belligerent states by individual subjects of a neutral state a breach of neutrality? Show reason.

14. When belligerent ships meet in a British port, what are the rules as to their sailing away which this country, standing neutral, will enforce? Explain the bearing of the case of the Tuscarora on the matter in question.

15. Does neutral property in the territory of a belligerent fall under the liabilities of property belonging to subjects of the belligerent state? If so, on what ground, and to what extent?

JURISPRUDENCE—THREE HOURS.

PHILOSOPHY OF LAW.

(*Candidates under the Old Regulations are requested to answer the* FIRST *question in each group, and any* ONE *other question in each group.*

Candidates under the New Regulations are requested to omit any ONE *of the questions in group* B, *and any* TWO *of those in group* C.)

A.

1. What is meant by a jural relation? How does a relation of fact become a relation of right?

2. "Property is necessary to actual or concrete existence as a person." "Property is theft." Examine these propositions as against each other.

3. Compare the characteristics of marriage, as an institution of right in this country at the present time, with its characteristics under the civilization of republican Rome.

4. Criticise the theory that in the law of succession *ab intestato* the sovereign authority of the state ordains that distribution of the property of a deceased person which the person himself, had he settled his affairs *mortis causa*, would presumably have willed.

B.

5. Distinguish between the people and the state. Show that the will of the people is never completely coherent until it is unified in the state and embodied in the institutions of right.

6. Define right, and describe the processes which contribute to the growth of right.

7. Bring out the connexion in thought between (*a*) penalty and crime; (*b*) reparation and civil injury.

8. Is there historical support for the conclusion that the progress of civilization is always attended with a mitigation of the severity of penal awards?

9. What is the *rationale* of a law of prescription? Account for the slow admission into modern systems of law of the principle of prescription as applied in the Roman law to property.

C.

10. What is the element of truth in the paradox that might is right?

11. Discuss the assertion that no thing can ever have a right, and criticise the distinction between a *jus ad rem* and a *jus in re*.

12. "The effect of the evidence derived from comparative jurisprudence is to establish that view of the primeval condition of the human race which is known as the patriarchal theory." Comment on this statement.

13. "Neither in the case of a nation, nor in that of an individual, does mere discovery of what has not before been appropriated afford a good title." Show why, and explain what more is necessary to establish ownership.

14. Analyze the notion of a contract.

15. Examine the notion of property in what is intangible, and, more particularly, in a patent.

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5. CONSTITUTIONAL LAW AND HISTORY—THREE HOURS.

(*Candidates are requested to omit* ONE *question in group* B, *and* TWO *in group* C.)

A.

1. What is meant by "the responsibility of ministers?" Is there any ambiguity in the phrase? How does the doctrine affect (*a*) the power and dignity of the Crown, and (*b*) the relations between Parliament and the executive government?

2. Describe the policy of William the Conqueror towards the existing Anglo-Saxon institutions. What were his motives? What effects did he thus produce upon the subsequent course of history?

3. Distinguish between Impeachment and Attainder. Describe the procedure in each, and illustrate their respective advantages and disadvantages by a reference to the proceedings against the Earl of Strafford.

4. Explain the object of the writ of *habeas corpus*. What statutes have made its operation more effective? Cite cases showing how it works in practice.

B.

5. "The paradoxical assertion that England is more democratically governed than either the United States or Switzerland, contains an element of truth." Explain, criticise, and illustrate.

6. Trace the steps by which the Parliament of the three estates grew up in England in the course of the thirteenth century.

7. Characterize generally the state of the constitution under the Lancastrian kings. What statutes were enacted during that period relative to the franchise and election procedure?

8. What were the main objects of the Bill of Rights? What special provisions did it contain as to (*a*) the suspending power, (*b*) taxation, (*c*) privilege of Parliament, and (*d*) the position of jurors?

9. State shortly the historical context and the legal principles involved in any *three* of the following cases, viz.:—*Calvin's Case* (6 James I., 1608); *Thomas v. Sorrel* (25 Charles II., 1674); *The Bankers' Case* (2 William and Mary, 1690); *Wilkes v. Wood* (3 George III., 1763); *Sullivan v. Earl Spencer* (35 Victoria, 1872).

C.

10. Explain the legal position of the Cabinet in the British Constitution. By what general principles are its internal relations now regulated?

11. What is meant by "the rule of law?" Why is the phrase specially applicable to Great Britain?

12. Explain (*a*) prerogative of the Crown, and (*b*) privilege of Parliament. What events of the reign of James I. illustrate their mutual relations?

13. Explain the various possible meanings of the maxim, "the king can do no wrong." How far is it (*a*) historically accurate, and (*b*) sound in law?

14. Discuss the legal aspects of "freedom of the press" as the phrase is understood in England. In what respects does the present law on the subject differ from that which prevailed at the close of the reign of Charles II.?

15. In what proportions is the supreme legislative power distributed among (*a*) the Queen, (*b*) the Cabinet, (*c*) the House of Lords, and (*d*) the House of Commons?

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6. MEDICAL JURISPRUDENCE—Two Hours.

(Four *questions, and no more, to be answered, of which No. 5 must be one.*)

1. What is a scar, and how does it differ from the surrounding tissues? Do scars ever disappear during life, and if so, under what circumstances?

2. How is a bruise produced? What are the changes of colour through which it passes, and to what are these changes due? How far can bruises be produced on a dead body, and how may such bruises be distinguished from those resulting from violence during life?

3. State shortly the principal medical considerations which may arise in questions of legitimacy.

4. Distinguish between intellectual and moral mania. Give the leading subdivisions of each.

5. Explain shortly the different modes of action of poisons, and how their action may be modified.

VI.—FOR DEGREE OF B.D.

I.—FIRST DEPARTMENT.

1.—HEBREW.

FIRST PAPER—THREE HOURS.

I. Point and translate the following :—

ויאמר דוד הכי יש עיד אשר נותר לבית שאול ואעשה עמו חסד בעבור יהונתן: ולבית שאול עבד ושמו ציבא ויקראו לו אל דוד ויאמר המלך אליו האתה ציבא ויאמר עבדך: ויאמר המלך האפס עוד איש לבית שאול ואעשה עמו חסד אלהים ויאמר ציבא אל המלך עוד בן ליהונתן נכה רגלים: ויאמר לו המלך איפה הוא ויאמר ציבא אל המלך הנה הוא בית מכיר בן עמיאל בלו דבר: וישלח המלך דוד ויקחהו מבית מכיר בן עמיאל מלו דבר: ויבא מפיבשת בן יהונתן בן שאול אל דוד ויפל על פניו וישתחו ויאמר דוד מפיבשת ויאמר הנה עבדך: ויאמר לו דוד אל תירא כי עשה אעשה עמך חסד בעבור יהונתן אביך והשבתי לך את כל שדה שאול אביך ואתה תאכל לחם על שלחני תמיד: וישתחו ויאמר מה עבדך כי פנית אל הכלב המת אשר כמוני: ויקרא המלך אל ציבא נער שאול ויאמר אליו כל אשר היה לשאול ולכל ביתו נתתי לבן אדניך: ועבדת לו את האדמה אתה ובניך ועבדיך והבאת והיה לבן אדניך לחם ואכלו ומפיבשת בן אדניך יאכל תמיד לחם על שלחני:

II. Give the following in punctuated Hebrew :—

These are some of the words of Jeremiah, son of Hilkiah, of the priests who were in Anathoth : The word of the Lord came unto me saying, Before thou wast born I sanctified thee, a prophet to the nations I appointed thee. Then I said, Alas, O Lord God, behold I know not how to speak, for I am a youth. And the Lord said to me, Say not, I am a youth ; for on whatever errand I shall send thee thou shalt go, and whatever I shall charge thee thou shalt speak. Be not afraid because of them ; for I am with thee to deliver thee, saith the Lord. Then the Lord put forth His hand and touched my mouth ; and the Lord said unto me, Behold I have put my words in thy mouth. See I have this day set thee over

the nations and over the kingdoms, to pluck up and to break down, to destroy and to overthrow, to build and to plant.

The fear of the Lord rejoiceth the heart; in her paths are gladness and length of days. He that feareth the Lord shall see good in his latter end; and in the day of his death he shall find mercy. The fear of the Lord is a diadem of wisdom; they that find her, find life and peace; and all that love her, shall inherit glory. He that feareth the Lord is satiated with joys; and they that eat her fruit are satisfied with fatness. Her blessings fill the house, and her treasures all its chambers; for the gift of God is peace.

SECOND PAPER—Three Hours.

I. 2 Samuel vi. 1—6.

(1) Translate these verses. (2) Parse ויסף (v. 1); להעלות (v. 2); וישאהו (v. 3); משחקים (v. 5). (3) For מבעלי יהודה in v. 2 the parallel in Chron. has בַּעֲלָתָה אֹל־קִרְיַת יְעָרִים אשר ליהודה. Choose the better reading, and explain how the other has arisen. (4) The LXX. omits the words from חדשה in the end of v. 3 to בגבעה in v. 4. Criticise and reconstruct the Mass. text in the light of this variation. (5) The LXX. has in v. 5 ἐν ἰσχύι καὶ ἐν ᾠδαῖς. To which of the Hebrew words do these correspond, and how were they read? (6) In v. 6 how do you explain נכון; what is the construction of וישלח; and what meanings have been given to שמיטר?

II. 2 Samuel xiv.

(1) Translate verses 1—2; 6—7; 10—11; 13—14. (2) Parse ויושם (v. 3); ויצא and ויכו (v. 6); וכבו, גחלתי, and נשארה (v. 7); והבאתי, והמדבר, and לגעת (v. 10); מהרבית and לשחת (v. 11); ונדחו and ומדבר (v. 13); and התגרים (v. 14). (3) Defend your rendering of עלי in v. 1. Explain the use of זה in v. 2. The first word in v. 4 differs in the Versions from the text; what word would you expect in the connexion? Explain the force of the ך in ריחת in v. 5. Remark on ויכו in v. 6. In what relation do the words מיכה אחיו in v. 7 stand? Explain the construction of the words in v. 10 אלי . . . והמדבר. Give an exegetical note on verses 13—14.

III. Jeremiah xiv. 1—9.

(1) Translate these verses. (2) Parse הבצרות (v. 1); וצוחת (v. 2); והכלמו and וחפו (v. 3); חתה and בשו (v. 4); ופראים

and שפים (v. 6); מקוה (v. 8); נדדם and תנחנו (v. 9). (3) Emend the text of v. 1. Give the syntax of שבו כליהם ריקם (v. 3); and of בעבור האדמה תתה (v. 4). For the first three words of v. 4 the LXX. has καὶ τὰ ἔργα τῆς γῆς ἐξέλιπεν: what Hebrew does this imply? (4) Give a summary of the section of which these verses form a part, showing the occasion and the point of the address, and indicating, if possible, its date.

IV. Give a concise exegesis of each of the following passages, and discuss the bearing of each on the question of Jeremiah's relation to the Law and law-books :—

(1) Jeremiah vii. 21—23 ; (2) viii. 8—9 ; (3) xi.1—8.

V. Give a sketch of the life and activity of Jeremiah, and show how the political events and religious situation of his times are reflected in his writings.

VI. Translate, with brief introduction, and grammatical and exegetical notes :—

(1) Psalm xc. 8—14. (2) xciv. 1—11.

2. NEW TESTAMENT EXEGESIS—THREE HOURS.

1. In what language was the Gospel according to Matthew originally written? What answers have been given to this question, and what arguments have been used in support of these answers?

2. Give the principal divisions and sub-divisions of the section Matt. iv. 17—xvi. 12, and point out the relations among the parts.

3. State the two different views as to the composition of Matt. v. 3—vii. 27. Which do you prefer, and why?

4. Compare Matt. xiv. 12 –14 with the corresponding passages in Mark and Luke, note the differences, and account for these differences if you can.

5. Translate Matt. v. 38—42. Add exegetical notes, and compare with the corresponding passage in Luke.

6. Trace the association of ideas in 1 Cor. iii. 6—17, giving special attention to figurative expressions. Bring out by translation or paraphrase the full force of any words on which the Apostle has shown that stress is to be laid. Indicate the ways in which he has made these words emphatic.

7. Translate 1 Cor. xi. 10—16, adding exegetical notes on words and clauses in regard to which different opinions have been held.

3. APOLOGETICS—THREE HOURS.

1. Discuss the etymology and original meaning of the term *Religio*. Explain the terms used in the Old and New Testament for *Religion* and *Revelation*.

2. Examine the theory of Hume *or* of Herbert Spencer as to the Origin of Religion. Discuss the evidence for the Universality of Religion.

3. State and criticise the views of Kant, Schleiermacher, and Hegel as to the subjective nature of Religion.

4. Discuss the distinction made between Natural Religion and Revealed Religion. Refer to the views of Butler, Ritschl, and the Westminster Confession.

5. State the grounds on which it is maintained that Christianity is the *only* Revealed Religion. Review any attempt to explain Christianity by the principle of Natural Evolution.

6. Discuss the right of reason to criticise the Contents of Revelation. Refer to the views of Fichte and Mansel.

7. Distinguish the chief methods that have been adopted to prove or establish the Christian Revelation. Discuss the relative evidential value of Miracles and the Person of Christ.

8. Examine the meaning and application of מָשִׁיחַ in the Old Testament, and trace briefly the rise and development of the Messianic Idea according to your view of the dates of the Old Testament writings.

9. Review the chief theories held regarding the Messianic meaning and the New Testament application of (1) the suffering servant of Jehovah, (2) the child Immanuel (Isaiah vii. 14).

II.—SECOND DEPARTMENT.

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1. DIVINITY.

a. DOCTRINE OF THE TRINITY.

1. Distinguish the Trinitarian Doctrine from the Christological Doctrine, and show generally how they conditioned each other in their development in the Ancient Church. Examine how far the Nicaeno-Constantinopolitan Dogma is Biblical, and to what extent it has been determined by Greek speculation.

2. Carefully translate and explain the following phrases:—

τοῦτ' ἔστιν ἐκ τῆς οὐσίας τοῦ πατρός, γεννηθέντα οὐ ποιηθέντα, ὁμοούσιον τῷ πατρί. . . . τοὺς δὲ λέγοντας ἦν ποτε ὅτε οὐκ ἦν, καὶ πρὶν γεννηθῆναι οὐκ ἦν, καὶ ὅτι ἐξ οὐκ ὄντων ἐγένετο, ἢ ἐξ ἑτέρας ὑποστάσεως φάσκοντες εἶναι, ἢ κτιστὸν ἢ τρεπτὸν ἢ ἀλλοιωτὸν τὸν υἱὸν τοῦ θεοῦ, ἀναθεματίζει ἡ καθολικὴ ἐκκλησία.

Review the essential positions of Arius, *or* give the arguments of Athanasius against them. Clearly distinguish Semiarianism from Arianism, and mention its chief representatives.

3. Give some account of the so-called Athanasian Creed (Symbolum Quicunque), and examine its exposition of the Trinitarian Doctrine.

Or, Compare the dynamistic and modalistic Monarchianism of the Ancient Church with any kindred forms of modern Unitarianism, and review the Scriptural and rational validity of the Unitarian position.

b. SUBJECTIVE SOTERIOLOGY.

4. Distinguish Subjective Soteriology from Objective Soteriology, and indicate the theological topics included under it. Explain the theological usage of the terms: Ordo s. oeconomia salutis; gratia applicatrix; status gratiae; gratia praeveniens; gratia amissibilis; effecta gratiae applicatricis.

5. Summarize the Biblical Doctrine of Conversion (*μετάνοια*) and its relation to Justification, Faith, Regeneration, and Sanctification. Review the Reformed Doctrine of Effectual Calling.

6. Give a short historical sketch of the controversy regarding "Irresistible Grace." Criticise the views of Pelagius and Arminius, and give Calvin's position.

7. Discuss summarily the Doctrine of the Assurance of Salvation; *or*, the relation of Grace to Free Will. Comment on this statement: "quando defenditur liberum arbitrium negari Dei gratia videtur, quando autem asseritur Dei gratia, liberum arbitrium putatur auferri." Refer to the position of the Westminster Confession.

c. BIBLICAL THEOLOGY—THE SYNOPTIC GOSPELS.

8. Summarize the teaching of Jesus on the following points:—(*a*) His relation to the Old Testament Law; (*b*) His Messianic consciousness; (*c*) the Fatherhood of God; (*d*) His Eschatology.

9. Elucidate the doctrinal significance of the following passages:—

(*a*) *ζητεῖτε δὲ πρῶτον τὴν βασιλείαν καὶ τὴν δικαιοσύνην αὐτοῦ.* (*b*) *κύριος γάρ ἐστιν τοῦ σαββάτου ὁ υἱὸς τοῦ ἀνθρώπου.* (*c*) *τῷ δὲ εἰς τὸ ἅγιον πνεῦμα βλασφημήσαντι οὐκ ἀφεθήσεται.* (*d*) *καὶ γὰρ ὁ υἱὸς τοῦ ἀνθρώπου οὐκ ἦλθεν διακονηθῆναι ἀλλὰ διακονῆσαι καὶ δοῦναι τὴν ψυχὴν αὐτοῦ λύτρον ἀντὶ πολλῶν.* (*e*) *τοῦτο τὸ ποτήριον ἡ καινὴ διαθήκη ἐν τῷ αἵματί μου, τὸ ὑπὲρ ὑμῶν ἐκχυνόμενον.* (*f*) *βαπτίζοντες αὐτοὺς εἰς τὸ ὄνομα τοῦ πατρὸς, κ.τ.λ.*

10. Give a summary view of Christ's representation of the Kingdom of God in the Synoptic Gospels. How has it come to be of special significance to contemporary theology? Can all Christ's teaching in the Synoptic Gospels be embraced under this conception? State and discuss views.

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2. CHURCH HISTORY—THREE HOURS.

(*The questions to be answered in their order.*)

1. Specify the influences, ecclesiastical, religious, political, and social, which chiefly tended to prepare the way for the Reformation (1) in Germany, and (2) in Switzerland.

2. How do you account for the different success of the Reformation among the Teutonic and the Latin nations?

3. Point out the causes which promoted the Roman Catholic revival and counter-Reformation.

4. Show the relation of German Humanism to the reforming movement.
5. Explain the doctrine and practice of Indulgence, and the nature of Luther's opposition to it.
6. State the doctrine of justification by faith as set forth by Luther, and those decrees of the Council of Trent which specially traversed it.
7. Specify the essential differences between Luther's doctrine and that of Zwingli in regard (1) to the Eucharist, and (2) the relation of Church and State.
8. Point out the chief divergences between the doctrine of Zwingli and that of Calvin.
9. What was the Marburg Conference?
10. Sketch the history of the Heidelberg Catechism, the Articles of Smalkald, and the first Helvetic Confession.

3. BIBLICAL CRITICISM.

a. TEXTUAL CRITICISM—Two Hours.

1. What are the three great sources of documentary evidence for the text of the New Testament? Explain the limitations of each as witnesses for the original text.
2. Illustrate the value of geographical considerations in estimating the evidence for the text.
3. What kinds of various readings may have arisen from the copyist undertaking to interpret as well as to transcribe?
4. What is the distinction between Intrinsic Probability and Transcriptional Probability? Describe the method to be followed in judging of Transcriptional Probability in the case of two or more various readings of the same passage.
5. Dr. Hort asserts:—"The Syrian text must in fact be the result of a 'recension' in the proper sense of the word, a work of attempted criticism, performed deliberately by editors and not merely by scribes." Explain the several parts of this statement. State and examine the grounds on which this theory of a Syrian Recension is based.
6. Is the Codex Bezae a Latinizing codex? Adduce authorities or arguments in support of your answer.
7. Give some account of the Latin and the Syriac versions of the New Testament.

b. HERMENEUTICS—Two Hours.

1. What causes of obscurity in a modern copy of an ancient writing is it the problem of Textual Criticism to remove? What is the problem of Hermeneutics? Distinguish, if you can, between Textual Criticism and Hermeneutics.
2. Show the interdependence of Introduction and Interpretation.
3. Illustrate the errors arising (*a*) from neglecting the context, (*b*) from mistaking juxtaposition for context, and (*c*) from disregarding the emotional element in a passage.
4. "A parable is meant to do two things, viz., to reveal the truth to the receptive, and to conceal it from the unreceptive." How far is this statement true of the parables spoken by our Lord? Justify your answer by illustrations.

5. Give the rules for the interpretation of parables, and show their practical application by interpreting the parables of the Lost Sheep, the Lost Coin, and the Lost Son.

6. What causes without and within the Church led to the prevalence of the Allegorical Method of Interpretation in the early ages? Give an instance of the application of this method in the interpretation of any of the parables spoken by our Lord.

VII.—EXAMINATIONS FOR HISTORICAL PRIZES.

I.—LUKE.

A.—ROMAN HISTORY.

1. Translate and comment upon the following passages:—

(*a*) Idemque, in quo fuit publicola maxime, legem ad populum tulit eam, quae centuriatis comitiis prima lata est, ne quis magistratus civem Romanum adversus provocationem necaret neve verberaret. Provocationem autem etiam a regibus fuisse declarant pontificii libri, significant nostri etiam augurales, itemque ab omni iudicio poenaque provocari licere indicant XII tabulae conpluribus legibus, et, quod proditum memoria est, X viros, qui leges scripserint, sine provocatione creatos, satis ostenderit reliquos sine provocatione magistratus non fuisse; Luciique Valerii Potiti et M. Horatii Barbati, hominum concordiae causa sapienter popularium, consularis lex sanxit, ne qui magistratus sine provocatione crearetur. Neque vero leges Porciae, quae tres sunt trium Porciorum, ut scitis, quicquam praeter sanctionem attulerunt novi.

(*b*) Creatique tribuni C. Licinius et L. Sextius promulgavere leges omnes adversus opes patriciorum et pro commodis plebis, unam de aere alieno ut deducto eo de capite, quod usuris pernumeratum esset, id quod superesset triennio aequis portionibus persolveretur, alteram de modo agrorum ne quis plus quingenta iugera agri possideret, tertiam ne tribunorum militum comitia fierent consulumque utique alter ex plebe crearetur.

(*c*) Et quum rogationem promulgassent ut ager ex hostibus captus viritim divideretur, magnaeque partis nobilium eo plebi scito publicarentur fortunae—nec enim ferme quicquam agri ut in urbe alieno solo posita non armis partum erat, nec quod venisset adsignatumve publice esset praeterquam plebs habebat—atrox plebi patribusque propositum videbatur certamen.

(*d*) Tum Cn. Pompeius tertium consul corrigendis moribus delectus et gravior remediis quam delicta erant suarumque legum auctor idem ac subversor, quae armis tuebatur, armis amisit. Exim continua per viginti annos discordia, non mos, non ius; deterrima quaeque inpune ac multa honesta exitio fuere. Sexto demum consulatu Caesar Augustus, potentiae securus, quae triumviratu iusserat abolevit, deditque iura quis pace et principe uteremur.

2. Describe briefly the relations of Rome with Carthage down to the end of the Third Punic War. What were the circumstances which brought the two powers into collision? Give the names and dates of all the more important battles that were fought between them.

3. To what extent is it true that the Battle of Actium may be described as "a Second Salamis"?

4. Contrast the colonial systems of Greece, Rome, and Great Britain, with especial reference to their bearing upon the power of the mother country.

5. Describe shortly the Roman system of criminal jurisdiction. In what respects, and from what causes, did it break down?

6. Give a life of Marius, with dates.

7. "Caesar was by nature as intolerant, as Augustus was tolerant, of established forms." Explain and criticise this statement.

8. Describe accurately the frontiers of the Roman Empire at the time of the death of Augustus. To what extent was the empire subsequently extended, and by whom?

9. What light does the history of Rome throw upon the question of a Single or a Double Chamber?

10. How far do the Arts and Professions in which the Greeks and Romans respectively achieved excellence illustrate the difference between the Greek and Roman character?

11. Enumerate the various populations outside Latium inhabiting Italy at the time of the foundation of Rome, and state what is known of their relation to the Romans.

12. Trace the development of military tactics among the Romans; and give the causes which gave rise to changes.

B.—GREEK HISTORY.

I.—Comment upon the following passages, translating where necessary:—

1. Καὶ μετὰ τὰ Τρωικὰ ἡ Ἑλλὰς ἔτι μετανάστατό τε καὶ κατῳκίζετο ὥστε μὴ ἡσυχάσασα αὐξηθῆναι· ἥ τε γὰρ ἀναχώρησις τῶν Ἑλλήνων ἐξ Ἰλίου χρονία γενομένη πολλὰ ἐνέσχωσε, καὶ στάσεις ἐν ταῖς πόλεσιν ὡς ἐπὶ τὸ πολὺ ἐγίγνοντο.

What conditions and events does this refer to? Is it the true explanation?

2. Δράκοντος δὲ νόμοι μέν εἰσι, πολιτείᾳ δὲ τῇ ὑπαρχούσῃ τοὺς νόμους ἔθηκεν. ἴδιον δ' ἐν τοῖς νόμοις οὐδέν ἐστιν ὃ καὶ μνείας ἄξιον, πλὴν ἡ χαλεπότης διὰ τὸ ζημίας μέγεθος.

Criticise this statement.

3. (*a*) Ὑᾶται, Ὀνεᾶται, Χοιρεᾶται.

(*b*) Μέτα δὲ τετραφύλους ἐόντας τοὺς Ἀθηναίους δεκαφύλους ἐποίησε, τῶν Ἴωνος παιδῶν ἀπαλλάξας τὰς ἐπωνυμίας.

Explain the names in (*a*) and the statement in (*b*).

4. Ἀθηναίοισι δὲ οὐκ ἐδόκεε ἀρχὴν Ἰωνίην γενέσθαι ἀνάστατον, οὐδὲ Πελοποννησίοισι περὶ τῶν σφετερῶν ἀποικιῶν βουλεύειν.

What was the proposal the Athenians opposed?

5. Καὶ τὴν μὲν ἐν Ἀρείῳ πάγῳ βουλὴν Ἐφιάλτης ἐκόλουσε καὶ Περικλῆς.

Explain and criticise.

6. Εἰ δὲ προχωρήσειε ταῦτα, ἤδη τῇ Πελοποννήσῳ ἐμέλλομεν ἐπιχειρήσειν, κομίσαντες ξυμπᾶσαν μὲν τὴν ἐκεῖθεν προσγενομένην δύναμιν τῶν Ἑλλήνων, πολλοὺς δὲ βαρβάρους μισθωσάμενοι καὶ Ἴβηρας.

Who said this? Was the idea ever really entertained?

7. Οὐκ ἔφη ἑαυτοῦ γ' ἄρχοντος οὐδένα Ἑλλήνων εἰς τὸ ἑαυτοῦ δύνατον ἀνδραποδισθήσεσθαι.

Who said this? What was the usual practice?

8. Ἀργαῖον κατάγοντας λαβὼν τῶν ἡμετέρων τινὰς πολιτῶν, ἀφῆκε μὲν αὐτούς, ἀπέδωκε δὲ πάντα ὅσ' ἀπώλεσαν, πέμψας δὲ γράμματα ἐπηγγέλλετο ἕτοιμος εἶναι συμμαχίαν ποιεῖσθαι.

Explain historically.

II.—Answer not more than FOUR of the following:—

1. Discuss the civilization of Mycenae and Tiryns.

2. Discuss the position in Greek History of the Carians, Leleges, Minyae, Aetolians.

3. Discuss the position and influence of the Delphic Oracle.

4. Show the political justification for the existence of *τύραννοι* and *συκόφανται*.

5. What were the principal trade-routes and trade-wars?

6. Show the geographical divisions of the Athenian Empire, and discuss the incidence of the tax.

7. Give the allies of both parties at the outbreak of the Peloponnesian War.

8. Describe the battles of Artemision, Mantinea, Chaeronea; and state what Greek troops were engaged at Thermopylae.

9. Give an account of the conspiracy of Cinadon.

10. Give an account of the (second) Sacred War.

11. Give an account of Cleomenes I., Theramenes, Epaminondas.

II.—GLADSTONE.

1. Describe the chief geographical features of Britain at the time of the English invasion, and show how geography influenced the progress of the invaders.

2. What causes either delayed or hastened the final establishment of the supremacy of Wessex over the other kingdoms?

3. Trace the chief fluctuations in the boundaries between England and Scotland. When and how was the present border fixed?

4. Compare the merits as English rulers of Henry II. and Edward I.

5. Trace and account for the gradual alienation of England from the Papacy, between the Norman Conquest and the reign of Henry VIII.

6. "The so-called Wars of the Roses were not so much a dynastic quarrel as an agglomeration of the private feuds among the chief families." Explain and illustrate.

7. What causes may be assigned for the social discontent which gave rise (1) to the Pilgrimage of Grace, (2) to Ket's Rebellion?

8. Discuss the claims of the Elizabethan age to be regarded as the most glorious period in English history.

9. "In the history of the seventeenth century religious motives play a larger and more influential part than either political or constitutional grievances." How far is this true of (*a*) the Great Rebellion, (*b*) the Revolution of 1688?

10. Discuss the effect of the increased influence of the commercial classes upon the foreign policy of England in the eighteenth century.

11. Compare the services rendered to England by the elder and the younger Pitt.

12. Treat any *one* of the following works (1) as illustrating, (2) as superior to, the national ideas of the time:—Chaucer's *Canterbury Tales*, More's *Utopia*, Spenser's *Faery Queen*, Swift's *Gulliver's Travels*.

XIII.—VACATION EXERCISES, Etc.

For 1896-97.

HEBREW AND SEMITIC LANGUAGES.

Prizes are offered—

1. For an original composition in Hebrew.
2. For readings in the Old Testament Scriptures.
3. For an Essay on the Book of Joel.
4. For an Essay on the Prophet Jeremiah and his book.

Professions to be given in, in writing, not later than 9th Nov., 1896.

MORAL PHILOSOPHY CLASS.

A prize is offered for the best Examination on Plato's *Republic* (Davies and Vaughan's translation). Students are recommended to read Bosanquet's *Companion to Plato's Republic* in connection with the translation. It is open for competition to students entering the ordinary Moral Philosophy Class in Session 1896-97.

LOGIC CLASS.

(*For Students of the Logic Class in Session* 1895-96.)

Essay on the Theories of Knowledge of Locke and Leibniz.

Essays to be given in to the Professor on or before 1st November, 1896. Each essay must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside.

ENGLISH LITERATURE.

Vacation Reading.

Wordsworth's *Prelude* (especially Books I., II., XIII., XIV.), Matthew Arnold's *Selections from Wordsworth*, Shelley's *Prometheus Unbound*, Keat's *Hyperion*.

The Examination is open to members of the Class of 1895-96, and to intending members of the Class of 1896-97. A prize will be given for the best paper done in each class. Questions requiring a minute study of the text will not be set.

WOMEN'S DEPARTMENT.

Mosses from an Old Manse, The Scarlet Letter, The House of the Seven Gables, The Blithedale Romance, and *The Marble Faun*, by Nathaniel Hawthorne.

The Examination is open to the members of the Class of 1895-96, and to intending members of the Class of 1896-97. The questions will be few in number, and the answers to them should take the form of short essays.

GREEK CLASSES.

Open to any member of the Greek Class, Sessions 1895-96 and 1896-97.

1. Greek Prose (Attic or Herodotean)—*Mungo Park's Travels* (in Cassell's National Library), vol. II., p. 160, middle, to end of chapter, "A party of the townspeople ... to the West Indies."
2. To learn by heart Sophocles, *Antigone*, omitting the lyrical passages.
3. To learn in the same way *Iliad* XXII.
4. A written examination in Plato, *Protagoras*, to be held in October, 1896. [Edition by Toisle or by Adam.]
5. A written examination on Ward Fowler's *City State*, coupled with a passage of Unseen Translation.

The same student may enter for all the above competitions. Several prizes may be given for each competition. Junior students will be judged on a more lenient standard.

The Prose to be sent in by 17th October, 1896.

HUMANITY CLASS.

Prizes will be given for Vacation Exercises as follows :—

I. Open to all students who shall enrol in the Senior Class of 1896-97, for the best Examination in the following subjects :—
   1. Livy, Book XXIII.
   2. Horace, *Odes*, III.; Virgil, *Georgic* III.

II. Open to all members of the Junior Class, 1895-96 :—
   1. Virgil, *Æneid*, II., lines 1—401 (Sidgwick).
   2. Cicero, *In Catilinam*, III., IV. (Wilkins).

III. For Latin Prose—Open to all members of the Senior Class, 1895-96. Translation into Latin of Burke's Speech on American Taxation, near the end, from "Again and again, revert to your principles," down to "not as a means of supply."

IV. For Latin Prose—Open to all students who shall enrol in the Senior Class of 1896-97. For the best translation into Latin of the Student's *Rome*, chap. XXVIII., §§ 4 to 7 inclusive, beginning "Returning spring (214 B.C.) found Hannibal," down to "in Macedonia, in Sardinia, in Sicily."

The Examinations in the above subjects will be held early in November, 1896. The exercises must be sent in to the Professor on or before 1st November. Each exercise must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside, together with a statement that the exercise is his own unaided work.

CLASS OF BOTANY.

A prize is offered to students in the Class of Botany in Session 1895-96 for the best and approved Herbarium of Scottish Phanerogamous and Vascular Cryptogamous plants, to be named after Hooker's *Students' Flora of the British Islands*. The specimens must have been collected upon the mainland of Scotland, or upon the Scottish Islands, between 22nd April, 1896, and 9th October, 1897, and must have affixed, in addition to the name, the date and locality of collection.

The Herbaria must be sent, addressed to the Professor of Botany, to the University of Glasgow, on or before 9th October, 1897, and with each a sealed note bearing a motto outside, and containing the name of the competitor, with a declaration that the plants in the collection have all been gathered by himself in Scotland, and within the period above stated, and that they have been named by him without assistance, save that derived from books or Herbaria.

The collections must be accompanied by a numbered and arranged list of the plants contained in them.

XIV.—ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT.

From 1st June, 1895, to 31st May, 1896.

13th June, 1895.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; James Colquhoun, LL.D.; M. P. Fraser, LL.B.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. The Secretary reported that he had duly advertised the vacancy in the Professorship of Logic, and submitted applications and testimonials from candidates, copies of which had already been circulated amongst the members of the Court. Robert Adamson, M.A., LL.D., The University, Aberdeen, and R. M. Wenley, M.A., D.Sc., 8 St. Albans Terrace, Glasgow, were duly proposed and seconded, when a vote being taken a majority voted in favour of Mr. Adamson. Mr. Adamson was accordingly appointed to the Chair as from 1st October, 1895. A report by the Committee on the French and German Lectureships was submitted, and the Court appointed M. Alfred Mercier, Licencié-ès-Lettres of the University of Geneva, to be Lecturer on French Language and Literature as from 1st October, 1895, for three years. The Secretary reported that he had duly advertised the vacant Lectureship on English at Queen Margaret College, and submitted applications and testimonials from candidates, copies of which had already been circulated amongst the members of the Court, and the Court appointed Mr. Adolphus Alfred Jack, B.A., Cambridge, as Lecturer on English at Queen Margaret College for three years from 1st October, 1895. Mr. A. M. Williams, Church of Scotland Training College, was appointed Examiner in English for the preliminary examination, in place of Dr. Merry, retired. With reference to Ordinance No. 57, Sec. X. (1), the Court determined that the examinations for open bursaries should be held at the autumn preliminary examination, viz., in October. A letter from Professor Moody Stuart was read, stating that there was at present a vacancy in the number of examiners for Law degrees, Mr Miller having become an *ex-officio* examiner, and suggesting that an appointment be made without delay. The Court remitted the letter to the Senate for consideration and report. The minutes of the meetings of the Finance Committee of 13th May and 11th June were read and approved, dealing *inter alia* with the University securities. A report by a committee appointed to consider a letter from the Secretary of the University Court of the University of Edinburgh, regarding the eligibility of women for scholarships, was read. The letter requested the Court to co-operate with the Edinburgh University Court in promoting a Bill in Parliament to obtain power to throw open to women students bursaries and fellowships created subsequent to 1864. The committee recommended that

the Court should not oppose the proposed measure, but at the same time should not take any action in its favour. The Court approved. A report by the Law Committee on the proposed honours course in Constitutional Law and History was read, intimating their approval of the proposed course, and also intimating that they had arranged with Mr M'Kechnie, the Lecturer on Constitutional Law and History, to give a course of lectures on the above named subjects. The Court approved. A letter from the Universities Commissioners as to the proposed Public Health Laboratory was read, intimating that before an ordinance instituting degrees in Public Health could be issued, the necessary laboratory accommodation must be in existence. The letter was remitted for consideration and report to a committee. A letter from the Commissioners was submitted requesting a copy of the correspondence regarding the teaching of Therapeutics in the Western Infirmary. The Court agreed to comply with the request. A letter from Professor Coats was read applying for permission to conduct a post-graduate course in Pathology during the vacation. Consideration was deferred. The Secretary submitted a letter, dated 10th June, from the Clerk of Senate, enclosing a report of the Library Committee dealing with the ordering of new books and other matters. A letter from the Clerk of the Senate was read reporting relaxation in special cases under Section XXII. of Ordinance No. 11.

11th July, 1895.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; James Colquhoun, LL.D.; M. P. Fraser, LL.B.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. The Secretary reported that he had duly advertised the vacancy in the Chair of Divinity, and submitted applications and testimonials from candidates, copies of which had already been circulated amongst members of the Court. The Court agreed to meet at a later date to appoint a Professor to the Chair of Divinity. A letter from Dr. W. J. Fleming was submitted intimating that, as his period of office as Surgeon to the Royal Infirmary expires immediately, he does not seek re-election as Lecturer on Surgery at Queen Margaret College, and the Secretary was instructed to advertise for a successor. The various lecturers at Queen Margaret College were re-appointed for another year as from 1st October next. The Court granted permission to Dr. Alexander Tille to conduct a class next winter on German Language and Literature at Gilmorehill to count as a qualifying class for men under Ordinance No. 11, Section IX. The Finance Committee minute of 9th July, dealing *inter alia* with Knockdolian Teinds, Randolph Bequest, Library Funds, and remuneration of medical and preliminary examiners, was read and approved. The Law Committee minute of 9th July, dealing with an application by Mr. Thomas Trotter for permission to deliver next winter session a course of lectures on Civil and Criminal Procedure, and recommending that lectures by an interim lecturer should not in the meantime be arranged for, was read and approved. Two letters from the Commissioners, dated respectively 17th and 19th June, regarding the proposed Chair of Political Economy, and narrating that the donor had now increased his offer to £15,000, were submitted, and the letters and whole correspondence were remitted to the Finance Committee for consideration and report. A scheme of courses

in the Faculty of Medicine, prepared by the Senate, was submitted and approved. The Secretary reported that he had received intimation from the Commissioners that a provision for the repeal of the Stamp Duty on the Degree of Doctor of Medicine had been included in the Finance Act of 1895, and is now law. Consideration of the application of Professor Coats was resumed, and the Court authorized the institution of a post-graduate course in Pathology. The Court agreed to recognize, under Ordinance No. 12, Section IV., University College, Dundee, as an institution for the purposes of graduation in Science. A letter from the Clerk of Senate was read, reporting relaxation in a special case under Section XXII. of the Arts Ordinance. An excerpt minute of Senate, dated 6th June, was submitted, reporting cases where the privileges of special readers to the Library had been granted. A letter from the Clerk of Senate was submitted, dated 9th July, transmitting from the Senate, in answer to the Court's remit of 13th June, a recommendation for the appointment of an additional examiner for graduation in Law to examine in Jurisprudence, Public International Law, International Private Law, and Constitutional Law and History, and the Secretary was instructed to advertise for an Examiner in Law in the subjects mentioned.

23rd July, 1895.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. The Secretary submitted list of applicants for the Chair of Divinity, together with copies of their applications and testimonials, and after a vote the Court appointed the Rev. William Hastie, D.D., Assistant to the Professor of Divinity in the University of Edinburgh, to the Chair of Divinity in the University of Glasgow, vacant by the retirement of Dr. Dickson.

25th July, 1895.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; M. P. Fraser, LL.B.; Rev. J. W. King, D.D.; Hector C. Cameron, M.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. The Secretary reported that he had duly advertised the vacancies in the Examinerships in Chemistry and Materia Medica, and submitted lists of the candidates, together with copies of their applications and testimonials, which had previously been circulated amongst the members of the Court; and the Court appointed Mr. D. R. Boyd, B.Sc., F.C.S., Mason College, Birmingham, as Examiner in Chemistry, and Mr. Charles D. F. Phillips, M.D., LL.D., F.R.C.S., 10 Henrietta Street, Cavendish Square, London, as Examiner in Materia Medica and Therapeutics from this date till 31st December, 1898. The Secretary reported that he had advertised the additional Examinership in Law, and submitted lists of the candidates, together with copies of their applications and testimonials; and after a vote the Court appointed Mr. William Robertson Herkless, M.A., LL.B., Professor of Jurisprudence and Law of Scotland, St. Mungo's College, Glasgow, as additional Examiner in Law from 1st October next to 31st December, 1898. The Finance Committee minute of 23rd July, dealing *inter alia* with the remits to the Committee to consider the letters of 17th and 19th June from the Commissioners with regard to the proposed Chair of Political Economy, narrating the donor's increased offer of £15,000, was submitted, recom-

mending that the Chair should be placed upon the Fee Fund, that the normal salary should be fixed at £600, £100 of which should be contributed by the Parliamentary grant, and that the holder should be entitled to a pension under Ordinance No. 32. The Court approved. The Secretary reported that he had advertised the vacancy in the Lectureship on Surgery at Queen Margaret College, and submitted a list of the candidates, and the Court appointed Mr. J. Hogarth Pringle, F.R.C.S., to the Lectureship for one year as from 1st October next. A letter, dated 16th July, 1895, from Dr. J. Lindsay Steven was submitted, resigning his appointment as Lecturer on Pathology. The Court resolved to accept Dr. Steven's resignation, and appointed Dr. Charles Workman, 5 Woodside Terrace, Glasgow, as Lecturer on Pathology to women students for one year from 1st October next. The Secretary reported that he had received intimation that Ordinances Nos. 59-66 inclusive had been approved by Her Majesty in Council. Dr. William Smart was re-appointed Lecturer on Political Economy; Dr. Thomas Reid, Waltonian Lecturer and Lecturer on the Eye; Dr. Yellowlees, Lecturer on Insanity; Mr. Andrew Gray, additional Examiner in Physics for degrees in Medicine; and Mr. J. H. Teacher, underkeeper in the Pathological Department of the Hunterian Museum—all for one year from 1st October next. A letter, dated 22nd July, from Professor Barr was submitted regarding the proposed Engineering Laboratory, and the Court resolved to allow Professor Barr £100 towards his own expenses in proceeding to America for the purpose of visiting and inspecting the principal schools of Physics and Engineering in the United States. Schemes of courses in the Faculty of Science prepared under Ordinance No. 42, Sec. II., Ordinance No. 12, Sec. VI. (3), and Ordinance No. 23, Sec. VII. (3), were approved. A letter from the Senate, dated 22nd July, was submitted, recommending the Court to admit women students along with men to the History Class at Gilmorehill for the ensuing session only, and the Court approved. Draft Ordinance, General No. 35, was remitted to the Ordinance Committee for consideration and report. The Works Committee minute of 24th July, dealing *inter alia* with the Master of Works' report of the work proposed to be done during the summer, and ladies' waiting-room at the University, was read and approved. The Principal intimated that he had received a letter from Professor Cleland, making some suggestions as to the buildings of the proposed new Anatomical Department; and the Principal was requested to communicate with Dr. Cleland, suggesting that he should consult with the Professor of Surgery as to the details of the proposed buildings and their probable cost.

17th October, 1895.—The Court met. Present—The Principal (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. Professor Gairdner, Dean of the Faculty of Medicine, having reported that neither Dr. Duff nor Dr. Savill was able to be present at the forthcoming professional examination in Practice of Medicine, the Court at his suggestion appointed Dr. Ebenezer Duncan additional Examiner *ad hoc* to take part in the examination. The Court appointed Mr. William Crum of Thornliebank and Professor Gairdner to be governors of the Victoria Infirmary, and Mr. M. P. Fraser and the Rev.

J. W. King, D.D., to be managers of the Western Infirmary for the ensuing year. On the recommendation of the several Professors, the various University assistants were appointed for the year. The Court had again before them the correspondence of the Scottish University Commissioners on the subject of the Chair of Geology, and remitted the whole correspondence to the Ordinance Committee for report. A committee was appointed to consider a memorial by candidates for the Degree of B.Sc., and in connection therewith to report on the expediency of making provision for the teaching of Organic Chemistry every year. Minute of meeting of the Finance Committee of 15th October was read and approved, dealing *inter alia* with fees for certain classes, salaries of lecturers, purchase of apparatus, payment of accounts, and other matters. Minute of meeting of the Works Committee of 16th October, dealing *inter alia* with providing a bookcase for the Moral Philosophy Class and authorizing certain alterations on the windows of the Surgical Laboratory, was read and approved. Professors Ramsay, Bradley, Lodge, Jack, and Murray; Mr. A. M. Bell, Mr. R. H. Pinkerton, Mr. A. M. Williams, Professor Strong, and Mr. William Bathgate were appointed preliminary examiners for next year; Professors Ramsay, Jack, and Strong, and Mr. A. M. Williams to be members of the Joint-Board. The report of the Library Committee was submitted, and ordered to be printed. Dr. Colquhoun, Rev. Dr. King, and ex-Professor Dickson were appointed members of the Library Committee; Dr. Cameron and Dr. M'Vail were appointed members of the Museums Committee; and the Lord Provost and Sir James King were appointed members of the Observatory and Laboratories Committee—all for the following year. The Secretary submitted a request from the General Council, asking for certain statistics regarding the preliminary examinations, and for a further reply as to classes at Queen Margaret College. The first part was remitted to Professor Stewart to prepare the statistics, and the Secretary was instructed to reply to the final paragraph. Mr. Robert T. Younger was appointed as Examiner in Roman Law for graduation in Arts. Dr. Walker Downie and Dr. Thomas Barr were appointed Lecturers on Diseases of the Throat and of the Nose and Ear respectively for the following year. A letter of resignation of the office of Examiner in Law was received from Mr. William Craig Roberton with regret, and the Court appointed Mr. James A. M'Callum, LL.B., for the unexpired period of Mr. Roberton's term, viz., till 30th April, 1896. The Court accepted a gift from Dr. T. Savill, Upper Berkeley Street, London, of a series of photographs of epidemic skin disease for the Hunterian Museum. Applications for recognition of lectures—Mr. W. E. Collinge, Mason College, Birmingham (Botany), and Dr. T. Kennedy Dalziel, Anderson's College, Medical School (Surgery)—were remitted for consideration. The Secretary reported that Ordinance No. 107, General No. 32, had been laid before Parliament, and that Ordinances Nos. 77-101 and No. 134 had received approval of Her Majesty in Council. The Rev. John Maclean, D.D., St. Columba Parish, was appointed preliminary Examiner in Hebrew. It was remitted to Professor Gairdner, the Principal, and Dr. Cameron to meet the Directors of the Western Infirmary in support of a suggestion that the Professor of Materia Medica and Therapeutics should have facilities for the illustration of his subjects.

14th November, 1895.—The Court met. Present—The Principal (in the chair); the Lord Provost; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner, Sheriff Berry, Professor Stewart, and Professor Jack. Intimation was received that at a meeting of the General Council on 30th October the Rev. James Waters King, D.D., and David Caldwell M'Vail, M.B., were re-elected to be Assessors in the University Court, the term of office extending to the second Statutory Meeting, four years thereafter. On the recommendation of Professor Adamson, Mr. H. N. Brailsford, M.A. of this University, was appointed Assistant in Logic for the following year. A letter from Messrs. A. J. & A. Graham, Mrs. Elder's agents, regarding teaching of women students and classes at Queen Margaret College, was remitted to the Queen Margaret Committee for consideration and report. Minute of meeting of the Finance Committee of 12th November, dealing *inter alia* with University securities, rates and taxes on Professors' houses, insurance of Observatory, and other matters, was read and approved. Minute of meeting of Works Committee of 13th November, dealing *inter alia* with the erection of new buildings near the Observatory, Queen Margaret College Anatomy Buildings, and other matters, was also read and approved. A report of the Ordinance Committee, dealing *inter alia* with the proposed Chair of Geology and the draft ordinance relating to the Adam Smith Chair of Political Economy, was read and approved. The Court, on the recommendation of the Committee on applications for recognition, agreed to recognize, in terms of Ordinance No. 14, the London School of Medicine for Women as an extra-academical school whose classes qualify for purposes of graduation in Medicine in this University. It was further agreed to recognize the lectures of Mr. Robert Turnbull, Edinburgh, on Botany as qualifying for graduation in Medicine. A letter was submitted from Professor Bower containing a proposal to conduct a practical class of elementary Botany, and the Court sanctioned the proposed class, and fixed the fee at £3 3s. The Librarian's annual report for 1894-95 was submitted, and was remitted for consideration and report. Intimation was made to the Court of the Senate's appointments to the Libraries Committee, the Museums Committee, and the Observatory and Laboratories Committee for the ensuing year. The Court reappointed Mr. James Milligan, M.A., Garnethill School, and Dr. James Colville, Newton Place, to be additional Examiners in Education and History respectively for the ensuing year. They also appointed Mr. Alfred Mercier and Dr. Alexander Tille to be Lecturer Examiners in French and German respectively for the ensuing year. An application by Professor W. R. Smith, M.D., D.Sc., King's College, London, for recognition of his lectures on Forensic Medicine as qualifying for graduation in Medicine, was remitted to the Committee on applications for recognition. A letter from Professor Dickson regarding the University Library funds was remitted to the Finance Committee. Professor Stewart reported that Mrs. Jack had offered to the Senate to found a prize for the English Literature Class at Queen Margaret College in memory of her brother, the late Professor Nichol, to be termed the "The Nichol Memorial Prize."

12th December, 1895.—The Court met. Present—The Principal (in

the chair) ; James Colquhoun, LL.D.; Sir J. N. Cuthbertson, LL.D.; D. C. M'Vail, M.B.; Sheriff Berry, Professor Stewart, Professor Jack, and Professor Gairdner. Intimation was received that Professor Gairdner had been re-elected by the Senate as Assessor in the University Court, to hold office for four years from 30th November, 1895. A letter was submitted from Mr. James Milligan, M.A., Girls' High School, regarding bursaries for women, and remitted for consideration and report. The Finance Committee minute of 10th December was read and approved, dealing *inter alia* with payment of the half-yearly accounts, grants to Library, etc. A letter was submitted from Mr. George A. Gibson, requesting permission to resign his position as Assistant to the Professor of Mathematics as from 31st December, consequent upon his appointment as Professor of Mathematics in the Glasgow and West of Scotland Technical College, and the Court agreed to accept his resignation. On the recommendation of Professor Jack, the Court appointed Mr. Horatio S. Carslaw as Junior Assistant to the Professor of Mathematics, Mr. Lamont, the present Junior Assistant, being appointed to the Senior Assistantship, rendered vacant by Mr. Gibson's resignation. On the recommendation of Professor Young, Mr. P. Jamieson was appointed Laboratory Assistant to the Professor of Natural History for the ensuing year. A report of the Museums Committee, dated 1st November, was submitted, narrating various recent gifts to the Museum, and dealing with the cataloguing of the anatomical specimens, etc. The report was approved, subject to several items of expenditure for new cases, etc., being passed by the Finance Committee. On the motion of Professor Jack, a committee was appointed to co-operate with a committee of the Senate, and with any committee that may be appointed by the Town Council, for the purpose of making arrangements for celebrating the approaching jubilee of Lord Kelvin as Professor of Natural Philosophy. An excerpt minute of Senate, dated 15th November, containing the regulations for the Nichol Memorial Prize, was submitted ; and the Court approved of these regulations, and instructed the Secretary to convey to Mrs. Jack their cordial thanks for the gift, and an expression of their gratification on receiving such a permanent memorial of the late distinguished Professor. Regulations for the Macleod Medal were also laid before the meeting, and the Secretary was instructed to convey to Lady Macleod the cordial thanks of the University Court for the institution of the medal in the University. The Court agreed to recognize Mr. Peter Bennet and Mr. T. K. Dalziel as extra-academical lecturers, whose lectures on Physics and Surgery respectively at Anderson's College Medical School qualify for graduation in this University. An application for recognition by Dr. Charles Workman was remitted to the Recognition Committee. A notice from the Town-Clerk regarding proposed sewage works in Dumbarton Road was remitted to the Works Committee. The Court extended the period of Dr. A. Maitland Ramsay's appointment as Lecturer on the Eye at Queen Margaret College till 30th September, 1896. An application for recognition from the University of New Zealand was remitted to the Recognition Committee. The deed of gift of £15,000 by Mr. Andrew Stewart for the foundation of a Chair of Political Economy was laid before the meeting, and a copy ordered to be sent to the University Commissioners. A

report from the committee to whom the Librarian's annual report had been remitted was received, pointing out that there was a gratifying increase in the number of books presented to the Library, the chief donor being Mrs. Veitch, who had given a valuable collection, numbering 564 volumes of interesting and rare works in Mediæval Philosophy.

9th January, 1896.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sheriff Berry, Professor Stewart, Professor Jack, and Professor Gairdner. The Court appointed Mr. Lawrence Crawford, M.A. (Cantab.), B.Sc., Mason College, Birmingham, to be additional Examiner in Mathematics and Natural Philosophy for degrees in Arts and Science for three years from 1st January, 1896. Two resolutions of the Students' Representative Council, regarding (1) grant to meet the expenses of the Council and (2) reduction of the fees in honours classes, were remitted to the Finance Committee. The Court appointed Dr. Robert Perry to represent them as a director of the Samaritan Hospital for the year 1896. Minute of meeting of the Finance Committee of 7th January was read and approved, dealing with (1) recovery of certain ancient teinds belonging to the University; (2) certain securities to be taken over from the Randolph Trustees; (3) cases to be provided for the Hunterian Museum; and (4) University securities and other matters. Minute of meeting of the Works Committee of 18th December was read and approved, dealing *inter alia* with (1) proposed new windows for the coin-room, and (2) proposed sewage works at Kelvin Bridge. An exhaustive report of the Ordinance Committee, dated 7th January, was read and approved, dealing with various matters under the recently passed ordinances in which the Court must take action to carry out the provisions of the ordinances. A report of the Recognition Committee, dated 7th January, was read and approved, and the Court agreed to recognize for the purpose of graduation in Medicine the lectures of Dr. Chas. Workman on Pathology. The Secretary submitted a reply that he had received in answer to his intimation following upon the minute of 17th March, that certain members were prepared to meet the Directors in support of a suggestion regarding the Professor of Materia Medica and Therapeutics having facilities for illustrating these subjects, and was instructed to reply that the Court are not able to support the present application in the form it has now taken, and therefore deem it unnecessary in the meantime to send a deputation to the Board of the Western Infirmary; but they are still of opinion that it is desirable that the Professor of Materia Medica and Therapeutics should be attached to an hospital, and hope that the managers may see their way to make some arrangements by which this object may be attained. Relaxations by the Senate were reported to the Court under Ordinance No. 11, Section XXII. The Court approved of certain appointments by the Senate to restricted bursaries under Ordinance No. 57, Section XV.

13th February, 1896.—The Court met. Present—The Principal (in the chair); Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Sheriff Berry, Professor Stewart, Professor Jack, and Professor Gairdner. Mr. James A. M'Callum, M.A., LL.B., and Mr. Frederick Gordon Mackillop, M.A., LL.B., were appointed additional Examiners in Law, both for a period of three years; John Yule

Mackay, M.D., University College, Dundee, was appointed additional Examiner in Anatomy; Samuel Sloan, M.D., C.M., was appointed additional Examiner in Midwifery; T. Kennedy Dalziel, M.B., C.M., was appointed additional Examiner in Medical Jurisprudence; and A. C. Seward, M.A., University Botanical Laboratory, Cambridge, was appointed additional Examiner in Botany—all for a period of four years from 1st January, 1896. The Court resolved to request the Senate in future to lay before the Court, either annually or oftener, statistics as to the number of entries, passes, and rejections in all the degree examinations. Letters were submitted from the Commissioners and the Clerk of the Trades House, along with copy of a letter from Mr. Andrew Stewart, regarding a suggestion that the Trades House should have one representative on the Board of Patrons for the Adam Smith Chair of Political Economy, and the Court approved of the suggestion, and gave instructions accordingly. Intimation was made of the institution of a "George Roger Muirhead Prize" in the class of Chemistry, by the late Mrs. Muirhead of No. 13 Sutherland Terrace. A letter from Emeritus Professor Dickson, D.D., instituting a prize in the class of Divinity, was submitted, and the Court's cordial thanks for the gift were ordered to be conveyed to Dr. Dickson. The Principal, as Convener of Queen Margaret Committee, reported verbally of the proceedings of that committee with reference to the letter of Mrs. Elder's agents, and that the committee were taking counsel's opinion regarding the obligation on the University under the Queen Margaret Deed of Gift. The Finance Committee minute of 7th February, dealing *inter alia* with proposals for loans and payment of accounts, was read and approved. The Works Committee minute of 27th January, dealing *inter alia* with the proposed sewage works at Kelvin Bridge, was also read and approved. An application by Dr. R. M. Buchanan, Anderson's College Medical School, for recognition of his lectures in Medical Jurisprudence was remitted to the Recognition Committee. An application from the City Chamberlain for the use of the University buildings for the annual Congress of the British Institute of Public Health was submitted, and the Court agreed to grant same. Copies of the Constitution and Laws of the Students' Representative Council, forwarded to the Court under Ordinance No. 60, Section I., were submitted, and remitted to the Ordinance Committee for consideration and report. A letter was submitted from the Secretary of the Committee for the erection of fives courts, and it was resolved to grant permission to build these courts on certain conditions being fulfilled.

23rd March, 1896.—The Court met. Present—Sheriff Berry (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Stewart, Professor Jack, and Professor Gairdner. The Secretary reported that he had received intimation that Ordinance No. 149 (foundation of the Adam Smith Chair of Political Economy), giving effect to the recent suggestion that a representative of the Trades House should be added to the Board of Electors, had been laid before Parliament. Dr. David Ross, Dr. Wm. Smart, and the Rev. John Maclean were appointed Examiners in Education, Political Economy, and Hebrew respectively for degrees in Arts during the present year. The Court also appointed Mr. Alfred Mercier

and Dr. Alex. Tille (Lecturers on French and German respectively) to be Preliminary Examiners in their respective subjects till 31st January next. The Secretary submitted an excerpt minute of Senate, dated 19th March, 1896, on the question of mixed classes, and was instructed to reply to Mrs. Elder's agents that, when their first letter was received, the Senate, upon a remit from the Court, were considering a representation by the General Council upon the subject of mixed classes and the teaching of women; and that the Senate, having asked in the above mentioned excerpt for further information as to the legal obligation imposed on the University by the Deed of Gift, opinion of counsel was taken. The Secretary was further instructed to send a copy of the opinion to Mrs. Elder's agents, and to add that that opinion having been sent to the Senate, a report from them was received upon the representation of the General Council, which report the Court are now considering. The Finance Committee minute of March 17, dealing *inter alia* with University securities, Joint-Board expenses, insurance, and other matters, was read and approved. The Secretary submitted a letter from Professor Becker intimating a gift by Mr. W. L. Watson of Ayton House, Abernethy, Perthshire, of a fine Gregorian reflecting telescope to the Observatory. In answer to a remit of the Students' Representative Council, the Secretary was instructed to reply that the Court understand that the five years mentioned in Section VII., Ordinance 14, mean academic years. With reference to the last minute, the Secretary submitted a letter from the Clerk of Senate intimating that he had received instructions from the Senate to prepare statistics requested by the Court with regard to the degree examinations. The Court resolved also to ask the Clerk of Senate to send copies of all examination papers in all the degree subjects. A number of draft ordinances were submitted and remitted to the Ordinance Committee. Arrangements for the forthcoming summer session were submitted and approved, and the fees for the classes and remuneration of the lecturers fixed. The Court appointed Dr. Cameron, Dr. M'Vail, and Sheriff Berry to represent them at the Congress of the British Institute of Public Health to be held this summer within the University buildings.

16th April, 1896.—The Court met. Present—Sheriff Berry (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart, Professor Jack, and Professor Gairdner. The Secretary submitted two recent letters he had received from Mrs. Elder's agents pressing for a final reply, and it was remitted to frame and send a reply to Mrs. Elder's agents dealing with the whole question raised and not already overtaken by the memorial and opinion of counsel. Minute of meeting of the Ordinance Committee, dealing with Draft Ordinances, General Nos. 36, 37, 38, and 39, and also with the constitution and regulations of the Students' Representative Council, was submitted. The Court resolved to recommend that Section III. of Draft Ordinance No. 36 should be omitted, and to report to the Commissioners that the Court deem Draft Ordinance No. 37 to be inexpedient. Minute of meeting of the Finance Committee of 14th April was read and approved, dealing *inter alia* with Vouchers Farm, remuneration of Joint-Board, temporary engineering laboratory, remuneration of examiners, purchase of apparatus, and other matters. Minute of meeting of Works Committee of 13th April was read and approved, dealing with work

and repairs to be done upon the University buildings during the summer. Leave was given for the erection of the Sandford Memorial to be put up on the wall opposite the head of the grand staircase, and for the Veitch Memorial to be put up on the wall at the first landing of the grand staircase. The Library Committee report, dated 24th March, was submitted, and several suggestions therein were remitted to the Finance Committee. The Museums Committee report of 6th March was submitted, and several suggestions were remitted to the Finance Committee. The Secretary was instructed to convey to Mr. George Macdonald the cordial thanks of the Court for work done by him in connection with the Museum.

7th May, 1896.—The Court met. Present—Sir James King, Bart. (in the chair); the Lord Provost; James Colquhoun, LL.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Sheriff Berry, Professor Stewart, and Professor Jack. A reply to Mrs. Elder's agents, which had been prepared and despatched in conformity with remit of last meeting of Court, was read and approved. A letter, dated 27th April, from the Secretary of the Western Infirmary was submitted, enclosing an excerpt minute of meeting of the Board of Managers with regard to the tenure of office of the visiting staff, and the Court appointed certain of the members to confer with the representatives of the Infirmary on the subject. Permission was granted to lend Greenshields's statuettes of Burns's "Jolly Beggars" to the Burns Exhibition. An application by Mr. John Edgar, M.A., M.B., for recognition of his course on Midwifery in Anderson's College Medical School was remitted to the Recognition Committee. The Finance Committee minute of 5th May, dealing *inter alia* with payment of the quarterly accounts and proposals for loan, was read and approved. The Secretary was instructed to advertise the vacancy about to occur in the Examinership in Classics. He was further instructed to advertise for two additional Examiners in Divinity. Additional requirements for the degrees of M.B. and Ch.B., drawn up by the Senate, were approved by the Court. Power was given to the Committee *re* Degree in Public Health, in conjunction with the Finance Committee, to fit up a temporary laboratory at the University. The Secretary submitted a reply he had now received from the Honeyman-Gillespie Trustees, and it was remitted to the Ordinance Committee to communicate with the Bellahouston Trustees as to the institution of a Lectureship in Geology. It was intimated that the Senate, at their meeting on the 30th ult., had appointed Professor A. B. Bruce, D.D., of the Free Church College, Glasgow, Gifford Lecturer for two years, beginning 1st October, 1896.

XV. FINANCIAL STATEMENT OF THE UNIVERSITY FOR 1894-95.

INCOME.

I.	Teinds, Feu-duties, Ground Annuals, Dividends, and Interest (including Queen Margaret College, £882 8s. 9d.),				£11,004	5	2¼
II.	Parliament Grant—						
	(*a*) Under Universities Act, . .	£12,180	0	0			
	(*b*) Under Education and Local Taxation Act, ...	8,700	0	0			
					20,880	0	0
III.	Special Endowments—						
	(*a*) Chairs, ...	£1,615	17	5			
	(*b*) Lectureships, ...	841	2	5			
	(*c*) Demonstratorships, etc., . .	481	7	3			
					2,938	7	1
IV.	Class Fees—						
	(*a*) Constituting the Fee Fund (including Queen Margaret College, £1,464 15s. 0d.), . . .	£15,261	4	6			
	(*b*) Other Classes, ...	1,072	13	3¾			
					16,333	17	9¾
V.	Other Fees—						
	(*a*) Matriculation (including Queen Margaret College, £214 14s. 6d.),	£1,958	15	0			
	(*b*) Examination and Graduation (including Queen Margaret College, £222 11s. 6d.), ...	4,269	13	6			
	(*c*) Registration (including Queen Margaret College, £3), . . .	231	0	0			
	(*d*) Towards Class Expenses in Anatomy, ...	25	13	6			
	(*e*) Recognition—towards Expenses of Inspection, ...	5	5	0			
					6,490	7	0
	Carry forward, ...				£57,646	17	0½

	Brought forward,			£57,646 17	0½
VI.	Library				
	(*a*) Subscriptions,	£52 10 0			
	(*b*) Revenue of Legacy Funds,	48 0 0			
	(*c*) Students' Catalogue,	1 14 0			
			102 4	0	
VII.	Grants from the Bellahouston Trust—				
	(*a*) Library,	£100 0 0			
	(*b*) Hunterian Museum,	100 0 0			
	(*c*) Natural Philosophy,	100 0 0			
	(*d*) Chemistry,	100 0 0			
	(*e*) Astronomy,	50 0 0			
			450 0	0	
			£58,199 1	0½	

EXPENDITURE.

I.	University Court and Senate—				
	(*a*) Secretary of University Court (including outlays, £79 2s. 4d.),	£279 2 4			
	(*b*) Clerk of Senate,	157 10 0			
	(*c*) Assistants to Clerk of Senate (including incidental expenses, £78 10s.)	563 10 0			
			£1,000 2	4	
II.	General Council—				
	(*a*) Registration,	£95 4 9			
	(*b*) Clerk,	50 0 0			
	(*c*) Printing and Outlays, per Clerk,	192 18 9			
			338 3	6	
III.	Business—				
	(*a*) Factors (including outlays, £72 13s. 1d.),	£696 4 9			
	(*b*) Auditors,	21 0 0			
	(*c*) Law Agents,	38 12 10			
			755 17	7	
IV.	Ministers' Stipends,		1,462 12	10	
V.	Pension Fund,		4,000 0	0	
VI.	Salaries				
	(*a*) Principal,	£1,100 0 0			
	(*b*) Professors under Ordinance No. 25,	23,107 2 3			
	(*c*) Other Professors,	2,325 6 6¼			
	(*d*) Lecturers (including £1,500 at Queen Margaret College),	4,623 4 7			
	(*e*) Assistants and Demonstrators (including £950 at Queen Margaret College),	5,925 11 3			
	(*f*) Examiners (including expenses, £167 14s. 1d.),	1,246 19 1			
			38,328 3	8¼	
	Carry forward,		£45,884 19	11¼	

Brought forward,			£45,884	19 11¼
VII. Library,			1,850	0 4
VIII. Museum,			616	6 6
IX. Observatory,			389	0 6½
X. Gilmorehill Buildings—				
(*a*) Repairs,	£1,376 9 6			
(*b*) Lighting,	295 16 3			
(*c*) Heating and Ventilating,	647 19 1			
(*d*) Water,	112 0 2			
			2,432	5 0
XI. Insurance,			238	18 9
XII. Service, Cleaning, and Upkeep of Grounds,			1,322	4 3
XIII. Class Expenses, Apparatus, etc.—				
(*a*) Prizes and Medals,	£186 12 2			
(*b*) Lantern slides,	86 4 6			
(*c*) Apparatus for Laboratories, etc.,	306 6 4			
(*d*) Class Expenses,	1,336 1 6½			
			1,915	4 6½
XIV. Printing, Stationery, and Advertising,			751	9 6
XV. Chapel,			127	19 5½
XVI. Bursaries,			160	2 2
XVII. Installation of Rector,			67	7 1
XVIII. Public Burdens, Taxes, etc. (including £21 to Glasgow Police),			613	6 11¼
XIX. Taxes, Repairs, Lighting, Heating, Service, etc., at Queen Margaret College,			672	0 2
XX. Interest (Randolph Trustees),			435	0 0
XXI. Miscellaneous,			70	13 2
			£57,546	18 4
Surplus for 1894-95,			652	2 8½
			£58,199	1 0½

PARTICULARS OF SUMS DEVOTED TO THE MAINTENANCE OF THE TEACHING STAFF AND OF EXAMINERS.

FACULTY OF ARTS.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Humanity,	£1,430 0 0	£76 19 6	£491 14 9	£1,998 14 3
Greek,	1,350 0 0	62 16 0	458 19 7	1,871 15 7
English,	900 0 0	...	200 0 0	1,100 0 0
French,	...	100 0 0	...	100 0 0
German,	...	100 0 0	...	100 0 0
Logic,	...	517 0 3	200 0 0	717 0 3
Moral Philosophy,	800 0 0	...	200 0 0	1,000 0 0
Political Economy,	...	200 0 0	...	200 0 0
Education,	...	200 0 0	...	200 0 0
Mathematics,	1,440 0 0	92 14 6	573 14 2	2,106 8 8
Natural Philosophy,	1,252 0 0	115 2 4	407 13 8	1,774 16 0
History,	900 0 0	...	...	900 0 0
	£8,072 0 0	£1,464 12 7	£2,532 2 2	£12,068 14 9

FACULTY OF SCIENCE.

Astronomy,	£600 0 0	...	...	£600 0 0
Civil Engineering,	900 0 0	...	£297 0 0	1,197 0 0
Naval Architecture,	800 0 0	...	100 0 0	900 0 0
Geology,	...	200 0 0	93 4 9	293 4 9
	£2,300 0 0	£200 0 0	£490 4 9	£2,990 4 9

FACULTY OF MEDICINE.

Botany,	£830 0 0	...	£225 0 0	£1,055 0 0
Natural History,	806 0 0	...	275 0 0	1,081 0 0
Physics,	...	£300 0 0	...	300 0 0
Chemistry,	1,300 0 0	150 0 0	410 0 0	1,860 0 0
Anatomy,	1,645 0 0	400 0 0	595 0 0	2,640 0 0
Physiology,	1,100 0 0	...	306 2 6	1,406 2 6
Materia Medica,	780 0 0	150 0 0	104 4 0	1,034 4 0
Pathology,	1,100 0 0	150 0 0	150 0 0	1,400 0 0
Medical Jurisprudence,	600 0 0	...	100 0 0	700 0 0
Surgery,	800 0 0	100 0 0	190 0 0	1,090 0 0
Clinical Surgery,	320 0 0	...	50 0 0	370 0 0
Practice of Medicine,	800 0 0	100 0 0	150 0 0	1,050 0 0
Clinical Medicine,	432 0 0	...	50 0 0	482 0 0
Midwifery,	700 0 0	...	100 0 0	800 0 0
Insanity,	...	150 0 0	...	150 0 0
Diseases of the Eye,	...	175 0 0	..	175 0 0
Diseases of the Ear,	...	52 10 0	...	52 10 0
Diseases of the Throat,	...	52 10 0	...	52 10 0
	£11,213 0 0	£1,780 0 0	£2,705 6 0	£15,698 6 6

FACULTY OF LAW.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Scots Law,	£800 0 0	...	...	£800 0 0
Conveyancing,	600 0 0	...	...	600 0 0
Jurisprudence,				
Public International Law,	...	£300 0 0	...	300 0 0
International Private Law,				
Constitutional Law and History,	...	200 0 0	...	200 0 0
Civil Law,	...	200 0 0	...	200 0 0
	£1,400 0 0	£700 0 0	...	£2,100 0 0

FACULTY OF THEOLOGY.

Divinity,	£595 14 1	...	...	£595 14 1
Hebrew and Semitic Languages,	700 0 0	...	£128 3 0	828 3 0
Church History,	482 18 6	...	...	482 18 6
Biblical Criticism,	668 16 2	...	...	668 16 2
Natural Theology,	...	548 6 10	...	548 6 10
	£2,447 8 9	£548 6 10	£128 3 0	£3,123 18 7

SUMMARY.

Faculty of Arts,	£8,072 0 0	£1,464 12 7	£2,532 2 2	£12,068 14 9
Faculty of Science,	2,300 0 0	200 0 0	490 4 9	2,990 4 9
Faculty of Medicine,	11,213 0 0	1,780 0 0	2,705 6 6	15,698 6 6
Faculty of Law,	1,400 0 0	700 0 0	...	2,100 0 0
Faculty of Theology,	2,447 8 9	548 6 10	128 3 0	3,123 18 7
	£25,432 8 9	£4,692 19 5	£5,855 16 5	£35,981 4 7

EXAMINERS FOR DEGREES, Etc.

I. Preliminary Examinations—			
(*a*) Seven Examiners,	£235 5 0		
(*b*) Four members of Joint Board,	84 0 0		
		£319 5 0	
II. Degree Examination—			
(*a*) Four Examiners in Arts,	£240 0 0		
(*b*) Fourteen Examiners in Medicine,	467 10 0		
(*c*) Three Examiners in Law,	52 10 10		
		760 0 0	
III. Expenses—			
(*a*) Preliminary Examiners,	£31 8 0		
(*b*) Joint Board,	79 2 1		
(*c*) Superintendence, etc.,	57 4 0		
		167 14 1	
		£1,246 19 1	

CLASS FEES.

I. Faculty of Arts—			
Humanity,	£917 14 0		
Greek,	846 6 0		
English,	794 17 0		
French,	32 11 0		
German,	6 6 0		
Hebrew,	226 16 0		
Logic,	388 10 0		
Moral Philosophy,	611 2 0		
Political Economy,	23 2 0		
Education,	75 12 0		
Mathematics,	884 2 0		
Natural Philosophy,	688 16 0		
Astronomy,	2 2 0		
Chemistry,	65 2 0		
Botany,	18 18 0		
Zoology,	15 15 0		
History,	99 15 0		
Constitutional Law,	2 2 0		
Roman Law,	4 4 0		
Public Law,	6 6 0		
Jurisprudence,	3 3 0		
		£5,713	1 0
II. Faculty of Science—			
Astronomy,	£14 14 0		
Engineering,	294 0 0		
Naval Architecture,	176 8 0		
Geology,	56 14 0		
Mathematics,	218 8 0		
Natural Philosophy,	214 4 0		
Chemistry,	238 7 0		
Botany,	51 9 0		
Zoology,	14 14 0		
Physiology,	18 18 0		
Anatomy,	6 6 0		
		1,304	2 0
III. Faculty of Medicine—			
Botany,	£667 16 0		
Zoology,	534 9 0		
Physics,	216 6 0		
Chemistry,	705 12 0		
Anatomy (including Embryology),	1,432 4 0		
Physiology,	656 5 0		
Materia Medica,	758 2 0		
Pathology,	672 0 0		
Forensic Medicine,	463 1 0		
Surgery,	514 10 0		
Clinical Surgery,	138 15 7		
Practice of Medicine,	210 0 0		
Clinical Medicine,	214 2 2¼		
Midwifery,	544 19 0		
Insanity,	29 8 0		
		7,757	9 9¼
Carry forward,		£14,774	12 9¼

Brought forward, ...				£14,774	12 9¼
IV. Faculty of Law—					
Law, ...	£340	4	0		
Conveyancing, ...	315	0	0		
Constitutional Law and History, . . .	27	6	0		
Civil Law, ...	48	6	0		
Jurisprudence, ...	28	7	0		
Public International Law, ...	59	17	0		
Political Economy, ...	12	12	0		
Forensic Medicine, ...	90	6	0		
				921	18 0
V. Faculty of Theology—					
Divinity, ...	£204	15	0		
Church History, ...	144	18	0		
Biblical Criticism, ...	151	4	0		
Hebrew (see under Faculty of Arts), . .		...			
				500	17 0
VI. Summer Tutorial Classes (including Women Students, £36 15s.),				218	18 6
				£16,416	6 3¼
Deduct Fees returned, ...				82	8 6
				£16,333	17 9¼

APPENDIX—I.

LIST OF MEMBERS

INCLUDED IN

THE REGISTER

OF

THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1st JANUARY, 1896,

WITH ABBREVIATED ADDRESSES, ETC.

N.B.—So far as information has been available down to the time of publishing the Calendar, addresses, etc., have been corrected, and names of deceased Members removed. Members are requested to intimate to the Registrar any change of designation (*i.e.*, profession or calling), or of permanent address. Representatives of deceased Members are also requested to make intimation, in order that the names of such Members may be removed.

Abbott, John C., M.B., C.M., 18 Rothesay gardens, Partick
Abdurahman, Abdullah, M.B., C.M., Cape Town, S. Africa
Abercrombie, Peter H., M.D., C.M., 10 Coburg place, London, W.
Abercrombie, Ralph, M.A., minister, Goole
Acworth, Wm., M.A., min., South Stoke Rectory, near Bath
Adam, Alex., M.B., C.M., Glasgow
Adam, Basil J., M.B., C.M., 3 W. Garden st., Glas.
Adam, David S., B.D., minister, F.C. Manse, Kelso
Adam, Hector M., B.D., min., 20 Hamilton pl., Aberdeen
Adam, Jas., M.A., teacher, 74 John st., Glasgow
Adam, James, M.A., M.B., C.M., Hamilton
Adam, James, M.B., C.M., 60 Causeyside, Paisley
Adam, James A., M.A., U.P. minister, Ellon
Adam, John, M.B., C.M., 2 N. Smithhills, Paisley
Adam, John, M.B., C.M., 1 Caroline st., Forres
Adam, John E., M.B., C.M., Broad street, Denny
Adam, John W., M.B., C.M., Stepps rd., nr. Glas.
Adam, Peter, B.D., prob., 39 Bank st., Greenock
Adam, Robert H., M.A., M.D., C.M., Paisley
Adam, Thomas, M.A., minister, Cumbernauld
Adam, Thomas, M.A., teacher, Denny
Adam, Thos. B., M.D., C.M., 37 Church st., Brechin
Adam, William, M.A., tch., 235 Bath st., Glasgow
Adam, Wm. J., M.B., C.M., 3 Marchmont tr., Hillh'd
Adam, William T., M.B., C.M., Workington
Adams, Jas. A., M.D., C.M., 5 Woodside cr., Glas.
Adams, John, M.A., B.Sc., teacher, F.C. Training Coll., Aberdeen
Adams, John, B.D., min., Inverkeillor, Arbroath
Adams, John, M.B., C.M., 8 Melrose st., Glasgow
Adams, John E., B.D., min., F.C., Dreghorn
Adams, Wm S., M.D., C.M., 36 Belmont rd., Jersey
Adamson, Jas., M.D., Hetton-le-Hole, Fencehouses
Adamson, James, M.A., minister, Maree, N.S.W.
Adamson, John G., M.D., Lurgan, Armagh
Adamson, Robert, LL.D., Prof., Univ., Glasgow
Adamson, Wm. F., M.A., minister, Galashiels
Addie, John, M.A., min., Wilson Church, Perth
Affleck, John, M.A., D.Sc., Inspector of Chemical Works, Woolton
Agnew, Alex. P., M.B., C.M., Burnley, Lancs.
Agnew, James M., minister, Longhope, Orkney
Agnew, Rbt. R., M.A., tch., 11 Hopetoun pl., Glas.
Aiken, Jas., M.A., stud., 29 Rose st., Cowdenbeath
Aiken, James, M.A., writer, Dalmoak
Aiken, John B., M.A., writer, Dalmoak
Aikman, Chas. B., writer, 208 W. George st., Glas.
Aikman, Chas. M., M.A., D.Sc., chemist, Stirling
Aikman, John, M.D., C.M., Queen's rd., Guernsey
Aikman, Matt., M.A., stud., 39 Cecil st., Hillhead
Ainsworth, Wm. T., M.B., C.M., 91 King st., Crieff
Aird, Alex. W., M.B., C.M., Newmilns
Aird, Robert, M.A., tch., Tarbert, Loch Fyne
Aitken, David, M.A., tch., Academy, Motherwell
Aitken, George R., M.A., stud., 353 Bath st., Glas.
Aitken, James, M.A., asst. min., Valparaiso
Aitken, Jas., M.B., C.M., 15 Dalton sq., Lancaster
Aitken, Jas., M.B., C.M., 12 Dalhousie st., Glas.
Aitken, Jas. A., M.B., C.M., 29 S. Cumberland st., Glasgow
Aitken, Jas. R., M.A., minister, Olney, Bucks.
Aitken, John, M.D., C.M., Buckhaven
Aitken, John R., M.A., stu., 2 Woodlands ter., Glas.
Aitken, Patrick H., B.Sc., B.D., min., E. Dulwich road, London
Aitken, Robert, B.L., writer, Mound pl., Edinb'gh
Aitken, Robt. E., C.A., 66 St. Vincent st., Glasgow
Aitken, Robert Y., M.B., C.M., Carsehead, Dalry, Ayrshire
Aitken, Thomas M., B.Sc., engr., Netherlea, Pollokshields
Aitken, Wm. B., M.B., C.M., Carsehead, Dalry
Aitkenhead, Robert, M.B., C.M., High Blantyre
Aiton, Thomas, B.A., min., Livingston, Midcalder
Aiton, Wm., B.L., law agt., 115 St. Vincent st., Glas.

Alexander, Andrew, M.A., surgeon, 10 New Broad street, London
Alexander, Arch., M.A., min., Spittal, Berwick
Alexander, Arch. B. D., M.A., min., Langbank
Alexander, Archibald S., M.D., C.M., 6 Sussex terrace, Plymouth
Alexander, Charles A., M.B., C.M., Denny
Alexander, David R., B.D., prob., Clarkfield, Partick
Alexander, Gilchrist G., M.A., law stu., Middle Temple, London
Alexander, James, M.D., C.M. Waterside house, Fenwick
Alexander, John, M.A., min., Sandbank pl., Partick
Alexander, John, M.A., minister, Pitcairn, Perth
Alexander, John B., M.A., min., Hawaiian Islands
Alexander, Robert, minister, Dunfermline
Alexander, Robt., M.A., tch., 26 Smith st., Hillhead
Alexander, Samuel, M.D., C.M., Larkhall
Alexander, Sam. P., M.D., C.M., Kentrd., Southsea
Alexander, Walter, M.A., minister, Millerston
Alexander, William H. M., M.B., C.M., Dunvaira, Bargeddie
Alexander, William, M.D., C.M., Dundonald
Alexander, William, M.B., C.M., 10 Portland ter., Kilmarnock
Alexander, William M., B.Sc., B.D., M.D., C.M., Bombay
Alison, Sir A., Bart., LL.D., K.C.B., lieut.-gen., 93 Eaton place, London
Alison, Archibald, minister, Prestwick
Alison, Arthur, advocate, 3 Moray pl., Edinburgh
Alison, George, minister, Kilbarchan
Alison, John, M.A., D.D., min., Newington, Edinb'h
Alison, Samuel S., M.A., min., Parkgate, Belfast
Allan, Arthur, M.A., student, Manse, Fairlie
Allan, Arthur W., B.L., law cl., Muirfield, Pollokshields
Allan, Chas., M.A., min., E. Bank U.P. Manse, Hawick
Allan, Geo. F., LL.B., writ., 6 Loudon ter., Hillhead
Allan, Henry, M.A., shipowner, 2 Park gns., Glas.
Allan, Jas., M.A., tch., 12 George st., Helensburgh
Allan, James Paul, M.D., Renfrew
Allan, James W., M.B., C.M., 18 India st., Glasgow
Allan, John, M.D., C.M., Klerksdorp, Transvaal
Allan, John, M.A., surveyor of taxes, Hamilton
Allan, Robert, M.D., C.M., 6 Arran pl., Ardrossan
Allan, Wm., M.B., C.M., Langlands house, Govan
Allan, William, M.A., stud., 327 Duke st., Glasgow
Allan, Wm., M.B., C.M., Glenfield, Dumbarton
Allan, Wm., B.Sc., C.E., Elderslie ho., Strathaven
Allan, Wm., M.B., C.M., Cramlington, Northumberland
Allan, Wm. C., M.B., C.M., Klerksdorp, Transvaal
Allan, William C., M.A., minister, Keighley
Allardice, Wm. C., M.D., C.M., N.S. Infirm., Stoke-on-Trent
Allardyce, John M., M.A., missionary, Pekin
Allen, Robt. H., M.B., C.M., 10 Berlin ter., P'shields
Allen, William B., M.B., 104 Peel ter., Glasgow
Allen, William E.L., M.B., C.M., Hawkshead, Ambleside
Allison, Alexander, M.D., Loanhead, Midlothian
Allison, James, min., 308 Main st., Alexandria
Allison, John D., LL.B., writer., Cartvale, Paisley
Almond, Hely H., LL.D., N.Esk Lodge, Musselburgh
Alpine, George, B.D., minister, Dumbarton
Alston, Andrew, minister, Carluke
Alston, And., LL.B., law clerk, U.P. Manse, Carluke
Alston, James M., M.D., Airdrie
Anderson, Alex., M.A., min. Scotch Church, Carlisle
Anderson, Alexander R., M.A., tch., 16 Warrender park crescent, Edinburgh
Anderson, Arthur R., M.B., C.M., 2 Wood street, Partick
Anderson, David, minister, Ceres, Fife
Anderson, Francis, M.A., professor, Sydney
Anderson, Geo., B.D., min., 264 Renfrew st., Glas.
Anderson, Harry C., M.B., C.M., 17 Octavia cot., Greenock
Anderson, Henry, minister, Partick
Anderson, Hugh S., M.A., student, 34 Burnbank gardens, Glasgow
Anderson, Jas., M.A., tch., Cummertrees, Annan
Anderson, Jas., M.B., Poulton-le-Fylde, Lancashire
Anderson, James F., M.A., writer, 137 St. Vincent street, Glasgow
Anderson, Jas. H., manuf., St. John's Wood, Lond.
Anderson, James R., M.D., Eskbank, Canonbie
Anderson, James Wallace, M.D., C.M., 23 Woodside place, Glasgow
Anderson, John, B.D., min., 12 Marchmont cr., Edinburgh
Anderson, John, B.D., min., 72 Montgomery st., Kelvinside
Anderson, John, M.D., 1 New Cross rd., Lond., S.E.
Anderson, John, M.B., C.M., 5 Stanley st., Glasgow
Anderson, John, M.B., C.M., 8 Whitehill st., Glas.
Anderson, John, M.A., M.B., C.M., 6 Whitehill gardens, Glasgow
Anderson, John, M.A., prob., 1 Alford pl., Aberd.
Anderson, John A., M.D., C.M., Stranraer
Anderson, John B. M., M.A., M.B., C.M., 42 Lansdowne crescent, Glasgow
Anderson, John G., M.B., C.M., Silksworth, Sunderland
Anderson, John J. S., M.B., C.M., Early Braes, Shettleston
Anderson, John L., M.B., C.M., 183 Renfrew st., Glasgow
Anderson, John W., M.A., M.B., Barrow-in-Furness
Anderson, Jonathan, writer, 140 Hope st., Glasgow
Anderson, Matthew S., M.A., M.D., C.M., Glenkarnock, Kilbirnie
Anderson, Robert, M.D., C.M., 2 Oxford place, Shettleston
Anderson, Robert, minister, Kilsyth
Anderson, Robt. C., M.A., min., Greengairs, Airdrie
Anderson, Robert H., manufacturer, St. John's Wood, London
Anderson, Robert S. G., B.D., prob., Ontario
Anderson, Sam., B.Sc., stud., 1 Whitehill ter., Glas.
Anderson, Thos. A., writer, 170 Hope st., Glasgow
Anderson, Thomas A. H., M.A., B.L., student, 14 Eton place, Glasgow
Anderson, Thomas M'Call, M.D., professor, 2 Woodside terrace, Glasgow
Anderson, Thomas P., M.B., C.M., 17 Hamilton terrace, Partick
Anderson, Thomas R., M.A., student, 12 Brighton place, Govan
Anderson, William, LL.B., writer, 8 Westbourne gardens, Glasgow
Anderson, William, minister, Fettercairn

Anderson, Wm., J.P., 2 Strathearn pl., Edinburgh
Anderson, William, minister, Boyndie, Banff
Anderson, William, minister, Cults
Anderson, William, M.B., C.M., 12 Sandwell mansions, London, N.W.
Anderson, William C., M.A., B.Sc., University assistant, Mavisbank, Partickhill
Anderson, Wm. H., M.B., C.M., Harleston, Suffolk
Anderson, Wm. S., M.D., C.M., Chapel-en-le-Frith
Andrew, Alexr., M.B., C.M., Barrow-on-Humber
Andrew, Alex., M.A., tch., 17 Storie st., Paisley
Andrew, Alexr., min., 5 Clarendon pl., Stirling
Andrew, Jas. G., M.B., C.M., 13 Walmer cres., Glas.
Andrew, Robert, M.A., minister, Walls, Lerwick
Andrew, Robert, B.D., minister, Glengarnock
Andrew, Wm. S., M.A., tch. Carriden Sch., Bo'ness
Angus, Robert, missionary, Chryston
Annan, Archibald J., B.L., writer, 112 W. Regent street, Glasgow
Appleton, Henry, M.D., C.M., 22 Lower Seymour street, London, W.
Arbuckle, John H., M.D., C.M., Kilmarnock
Armour, Matthew, minister, Sanday, Orkney
Armstrong, Geo. C., M.D., Blackrock, Dublin
Armstrong, Hugh, B.D., prob., 8 London road, Glasgow
Armstrong, Thos., M.B., C.M., 5 Kelvinside ter., N., Glasgow
Armstrong, Wm. A. A., M.A., minister, 74 South Street, Reading
Arnot, Thomas, writer, 9 W. Regent st., Glasgow
Arnott, Hugh Y., B.D., prob., Kinloch, Blairgowrie
Arnott, James, M.D., C.M., surgeon-major, 45 Pall Mall, London
Arnott, John, M.A., minister, Dailly.
Arrol, Charles, M.D., C.M., Bankstown, Sheerness
Arthur, Adam Niven, teacher, Dunoon
Arthur, David, min., Springbank ter., Aberdeen
Arthur, David, M.D., C.M., Greenhead house, New Galloway
Arthur, Hugh, M.D., C.M., Fruitfield, Airdrie
Arthur, James, M.A., teacher, Largs
Arthur, John Findlay, M.D., C.S.I., New Cumnock
Arthur, Wm., M.D., C.M., Mirfield, Yorkshire
Ashcroft, Fra., M.A., missionary, 20 Westbourne terrace, Kelvinside
Ashurst, Fred., M.B., C.M., 43 Market st., Blackpool
Aspin, And. H., M.A., clerk, 7 Hillend gns., Partick
Atkinson, John P., M.D., Saffron Walden, Essex
Auld, Alex. G., M.D., C.M., 3 Lugar pl., Kelvinside
Auld, Archibald, M.B., C.M., Snaith, Yorks
Auld, Charles, M.D., C.M., Kilwinning
Auld, Wm., B.D., minister, Carnock, Dunfermline
Auld, Wm., M.B., C.M., Lewins, Wimborne, Dorset
Austin, Richard, M.D., 5 Cullenswood terrace, Ranelagh, Dublin

Babes, Charles J., M.B., C.M., 305 Hedon rd., Hull
Babtie, Wm., M.B., Strathleven pl., Dumbarton
Badenoch, George Roy, LL.D., minister, 3 Pagoda villas, Lee, Kent
Bailey, William E., M.B., C.M., Throstle grove, Stockport
Baillie, David, M.A., probationer, 5 Walworth ter., Glasgow
Bain, Alexander, B.Sc., C.E., 102 So. Portland st., Glasgow
Bain, Archibald W., M.A., teacher, Smyrna
Bain, Jas. A., M.A., stud., 55 Cumberland st. W., Glasgow
Bain, James G., M.B., C.M., Arnwood, Southsea
Bain, Jos., Record ed'r, 3 Heathfield, Lond., S.W.
Bain, Robert, M.A., tch., 11 Carnarvon st., Glas.
Bain, Richard W. K., M.A., adv., 72 Hamilton pl., Aberdeen
Bainbrigge, Wm. P. Y., M.B., C.M., Droitwich
Baird, And., B.D., minister, Broughton, Peebles
Baird, David, M.A., tch., Spier's school, Beith
Baird, Hugh, minister, Cumbernauld
Baird, Jas. P., M.A., stu., 3 Regent st., Hamilton
Baird, John, B.D., minister, Helensburgh
Baird, John, M.B., C.M., 5 Athole gns., Hillhead
Baird, John, M.B., C.M., Bonnybridge
Baird, Robert, writer, Middle Temple, London
Baird, Sam. J., M.B., C.M., Eglinton, Londonderry
Baird, Wm. Jas., M.D., 14 College ter., Brighton
Baird, Wm. S., M.B., C.M., 108 W. Regent st., Glas.
Balderston, James C., minister, West Kilbride
Balfour, Arthur J., LL.D., M.P., 4 Carlton gardens, London
Balfour, David D., sheriff-substitute, Glasgow
Ballantine, James, M.D., Catrine
Ballantyne, James T., M.B., C.M., Over Darwen, Lancashire
Ballantyne, William, min., Church road, Canonbury, London
Ballardie, Sam. W., M.A., tch., 1036 Pollokshaws road, Shawlands
Balloch, Robt., mercht., Dowanhill gns., Glasgow
Bamber, Henry, M.B., C.M., 28 Washington ter., N. Shields
Bankhead, Wm. T., M.A., min., Airliewood, Ibrox
Bankier, Alex. M., M.D., C.M., 46 Waterloo rd., Wolverhampton
Bankier, Geo. S. H., M.D., Ashton-under-Lyne
Bankier, Pat. M., M.A., bar., Hamilton, Ontario
Banks, Alex., M.A., min., Braehead, Carnwath
Banks, Charles, M.D., C.M., Orissa, India
Banks, John, M.B., C.M., George terrace, Dunoon
Banks, Robt. M., M.B., C.M., Rosemount, Lanark
Bannatyne, Alex., M.A., minister, Lochgilphead
Bannatyne, And. S., M.A., clergyman, St. Ann's, Nottingham
Bannatyne, Chas., M.B., C.M., Southend, Argyll
Bannatyne, Dug. J., writ., Patontown, New Jersey
Bannatyne, Gilbert A., M.D., C.M., 1 Paragon, Bath
Bannatyne, John, minister, Takata, N.Z.
Bannatyne, Mark, writ., 145 W. George st., Glasgow
Bannerman, Charles, M.A., corn factor, Langside cottage, Langside
Bannerman, George G., M.B., C.M., 10 Oliver cr., Hawick
Barber, Wm., M.A., of Tererran, Moniaive
Barbour, Jas. M., M.B., C.M., 18 Nevern rd., London
Barbour, W., M.B., C.M., 32 Hayburn cres., Partick
Barclay, James, LL.B., attorney, Brooklyn, N.Y.
Barclay, James, M.A., D.D., minister, Montreal
Barclay, John, M.A., D.D., minister, Toronto
Barclay, Robert D., B.Sc., eng., 10 Albyn place, Edinburgh
Barclay, Robt. F., LL.B., writ., 21 Park ter., Glas.
Barclay, Thomas, M.A., min., 36 Windsor terrace, Glasgow
Barclay, Thos., M.A., adv., 1 Ainslie pl., Edinb'h
Bardwell, Foster H., M.A., stud., Orwell House, Chippenham

Barker, Alex. E., LL.B., barrister, 1 Hare court, Temple, London
Barker, Francis J., M.A., M.B., C.M., 1 Bowmont terrace, Glasgow
Barker, Henry M., LL.D., tch., 1 Bowmont ter., Glasgow
Barlas, Alex. R., M.A., Loc. Gov. Board, Dublin
Barr, Arch., D.Sc., C.E., prof., Univ., Glasgow
Barr, Henry, B.L., writer, 45 W. George st., Glas.
Barr, James, preacher, 6 Clarendon st., Glasgow
Barr, James, M.B., C.M., Hagg cres., Johnstone
Barr, James, M.D., 72 Rodney st., Liverpool
Barr, James, B.D., minister, Wamphray
Barr, James B., M.B., C.M., 63 Princes street, Port-Glasgow
Barr, James K., M.A., tch., 113 G. Hamilton st., Glasgow
Barr, John, surgeon, Rishton, Blackburn
Barr, John F., B.Sc., M.B., C.M., Coldstream ho., Pollokshields
Barr, Patrick, B.L., writer, 51 Bath st., Glasgow
Barr, Robert, M.A., minister, Manse, Neilston
Barr, Robt. B., M.B., C.M., Burnbank ho., Carluke
Barr, Thos., M.D., C.M., 13 Woodside pl., Glasgow
Barras, Thos. C., M.B., C.M., 5 Seton ter., Glasgow
Barras, William G., M.D., C.M., Westbourne, Bellahouston
Barrie, David R., M.B., C.M., Longframlington, Morpeth
Barrie, John, M.D., 3 Royal crescent, Crosshill
Barrie, Thomas T., B.L., law clerk, Wellbrae, Strathaven
Barrie, Wm. R., min., Longframlington, Morpeth
Barrowman, James S., M.A., prob., 20 Bank st., Hillhead
Barrowman, Thomas, M.B., C.M., Johnstone
Barry, John C., M.A., clergyman, Free North Manse, Dumbarton
Bartholomew, John, LL.B., stud., Torrance of Campsie
Bater, Claude H., M.A., Inl. Rev., Ashwell, Herts
Bathgate, William, M.A., H.M.I.S., 13 Westbourne gardens, Glasgow
Bauchop, James, M.B., C.M., 131 Annfield street, Dennistoun
Baxter, John C., D.D., minister, Kirkcaldy
Baxter, Mal. M., M.A., prob., 8 Mansfield pl., Glas.
Baxter, Thos., M.B., C.M., 67 Mains st., Glasgow
Bayne, Alexander, minister, Tingwall, Shetland
Bayne, David, B.D., prob., 16 Grafton st., Glasgow
Bayne, John, M.A., student, Braco
Baynes, Joseph, M.B., C.M., 1 Laurel Bank, Manchester
Beale, Arthur A., M.B., C.M., 181 Southampton street, London
Beard, Chas. B., M.A., cur., Castlehill ho., Dundee
Beatson, David, M.B., C.M., 72 Napiershall street, Glasgow
Beatson, John F., M.D., surg.-gen., 205 Cromwell Mansions, London
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White, Malcolm, M.A., minister, Blairgowrie
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Williams, Leon., M.B., C.M., Hillsdon, Sidmouth
Williams, Llewellyn W., B.Sc., C.E., The Linn, Cathcart
Williams, Walter E., M.B., C.M., Portmadoc, Wales
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APPENDIX II.

EXTRA-ACADEMICAL TEACHING.

N.B.—Every application for recognition must be accompanied by a payment to the University Factors, Messrs. Hill & Hoggan, 194 Ingram Street, Glasgow, of a fee of £5 5s., to be placed to the credit of a fund for defraying the cost of investigation by experts of the fitness of the teacher applying, or of the institution in respect of which application is made, and of the accommodation, apparatus, and teaching appliances at the disposal of the teacher or institution.

The following regulations for the recognition of Extra-Academical Teaching under Ordinances Nos. 14, 12, and 23, were adopted by the University Court on 14th June, 1894 :—

IN THE CASE OF INDIVIDUAL EXTRA-ACADEMICAL TEACHERS.

I. Every application shall be made to the Secretary of the University Court and shall supply the following information :—

(*a*) The registrable or other qualification or qualifications of the applicant.

(*b*) A statement of his opportunities of studying the subject and the length of time devoted thereto.

(*c*) A statement of his experience in teaching the subject.

(*d*) A note of any of his published articles or works on the subject.

(*e*) The appointments which he holds as a teacher of the subject in which he requests recognition, and a statement whether the course for which recognition is sought has previously been conducted by him, and if so, for how long. If the applicant is a teacher in a Medical School, College of Science, or other similar Institution, the most recent issue of the Calendar of such School, College, or Institution, should be forwarded.

(*f*) The number of meetings to which the course extends, whether each meeting is for one hour or longer, and a statement of the proportion of the course to be devoted to lectures, practical demonstrations, examinations and tutorial work. In the case of a practical course, information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the teacher for whom recognition is sought, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects treated in the course and of the books proposed for the use of students should also be sent in every case.

(*g*) The hour or hours at which the course is conducted.
(*h*) The accommodation, apparatus, and teaching appliances provided for the class.
(*i*) The teaching or examining bodies which have recognized his course.

II. In the case of an applicant conducting courses in Glasgow or its neighbourhood an inspection shall be made of his accommodation and appliances for teaching.

III. Every Extra-Academic Teacher in Glasgow whose course has been recognized under Ordinance No. 12 or Ordinance No. 14 shall, at the commencement of each session, call the attention of his whole class to the provisions of the Ordinance as to enrolment and payment of fee at the University by all students who desire afterwards to graduate there; he shall also call attention to the University requirements as to preliminary examination (more stringent in the case of medical students than the minimum required by the General Medical Council); and shall advise any students looking forward to a University degree to procure from the Matriculation Office a copy of the syllabus of regulations applicable to their course.

IV. Every recognized Extra-Academical Teacher shall annually within one month of the close of the session furnish the University Court with a return of

(*a*) The number of students who have attended the recognized course or courses, in such manner as to qualify *pro tanto* for graduation in the University of Glasgow.
(*b*) Any change that may have been made in the accommodation or appliances provided.
(*c*) A statement showing, for the year next ensuing, the number of meetings to which the course extends, whether each meeting is for one hour or longer, and the proportion of the course to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of a practical course information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether, or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the recognized teacher, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects to be treated in the course, and of the books proposed for the use of students, should also be sent.

V. The certificate of attendance granted by Extra-Academical Teachers should in all cases state the number of lectures or meetings for practical instruction in the course, the number of occasions on which the student was present, the fee charged, and bear that the student has duly performed the work of the class.

VI. Every candidate not being a matriculated student attending the course of an Extra-Academical Teacher in Glasgow, recognized for the purposes of graduation in Medicine or Pure Science, must at the

commencement of each year enrol his name in a book kept at the University for that purpose, paying a fee of the same amount as the matriculation fee, and having in respect thereof a right to the use of the University Library. (Ord. No. 14, § VIII. 5; Ord. No. 12, § V.)

VII. The fee for attendance for the purposes of graduation on the courses of instruction of an Extra-Academical Teacher in Glasgow shall not be less than the fee for the corresponding University Class. (Ord. No. 14, § VIII. 6; Ord. No. 12, § IV. 2; Ord. No. 23, § IV. 2.)

VIII. The Court will not in any case recognize for the purposes of graduation in Medicine the course of any teacher who teaches at the same time more than one of the subjects, except where the applicant is a professor or teacher of any endowed public college or institution, who, by the terms of his appointment, is required to teach more than one of the subjects, and in that case recognition can be granted in one subject only. (Ord. No. 14, § VIII. 7.)

IX. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

X. The recognition of any teacher who fails to furnish the information required in terms of Regulation IV., or a sufficient explanation relative to such failure, or who has ceased for the period of two consecutive sessions to teach the subject in which he is recognized, shall *ipso facto* terminate.

IN THE CASE OF SCHOOLS OR INSTITUTIONS.

I. Every application shall be made to the Secretary of the University Court, and shall supply the following information:—

(*a*) A statement of the number of teachers and a detailed syllabus of the curriculum courses proposed to be given, or, in the case of practical classes, information of a similar kind.

(*b*) The number and duration of lectures proposed to be given and the number of examinations, whether written or oral, deemed necessary, or in the case of a practical class, information of a similar kind. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

(*c*) The hours of lectures.

(*d*) The teaching or examining bodies which have already recognized the curriculum or certificate of the school or institution making application.

(*e*) A statement as to the accommodation, apparatus, and appliances at the disposal of the teachers in the school or institution making application.

(*f*) A note of the fees proposed to be charged.

II. The Court shall, if it thinks fit, cause an inspection to be made of the accommodation, apparatus, and teaching appliances provided by the school or institution making application.

III. Every recognized school or institution shall annually within one month of the close of the session furnish the University Court with a return of

(*a*) The number of students who have attended the recognized school or institution in such manner as to qualify *pro tanto* for graduation in the University.

(*b*) Any change that may have been made in the accommodation or appliances provided.

(*c*) A statement showing, for the year next ensuing, the number of meetings to which the courses extend, whether each meeting is for one hour or longer, and the proportion of the courses to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of practical courses information should be given as to the manner of conducting them, the number of examinations, oral or written, and whether, or to what extent, lectures or tutorial work form part of the courses. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematical or practical).

IV. The certificates of attendance granted by recognized schools or institutions should in all cases state the number of lectures or meetings for practical instruction in the courses, the number of occasions on which the student was present, the fees charged, and bear that the student has duly performed the work of the classes.

V. The fees for attendance for the purposes of graduation on the courses of instruction in a recognized school or institution shall not be less than the fees for the corresponding University classes. (Ord. No. 14, § VIII. 6; Ord. No. 12, § IV. 2; Ord. No. 23, § IV. 2.)

VI. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

LIST OF EXTRA-ACADEMICAL TEACHERS.

List of Extra-Academical Teachers recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commissioners (1858 and 1889), the names of those who are recognized for Graduation in Science being printed in *italics*.

2 Oct., 1867,	Stevenson M'Adam, Ph.D., Edin.,	*Chemistry.*
19 April, 1876,	Dr. James Gow Black, Otago,	*Chemistry.*
,,	Miller Coughtrey, M.B., Otago,	*Anatomy.*
7 Nov., 1876,	John Dougall, M.D., Glasgow,	*Materia Medica.*
,,	James Stirton, M.D., Glasgow,	*Midwifery.*
12 Sept., 1877,	A. M. Buchanan, M.D., Glasgow,	*Anatomy.*
21 Dec., 1880,	William Craig, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	J. O. Affleck, M.D., Edinburgh,	*Practice of Medicine.*
,,	John Barlow, M.D., Glasgow,	*Physiology.*
,,	Samson Gemmell, M.D., Glasgow,	*Practice of Medicine.*
24 May, 1881,	Byrom Bramwell, M.D., Edin.,	*Practice of Medicine.*
26 Jan., 1882,	William L. Reid, M.D., Glasgow,	*Midwifery.*
13 Feb., 1883,	John Glaister, M.D., Glasgow,	*Forensic Medicine.*
22 July, 1885,	James J. Dobbie, M.A., D.Sc., University Coll., Bangor,	*Chemistry.*

22 July, 1885,	Reginald W. Phillips, B.A., B.Sc., University Coll., Bangor,	*Botany.*
28 April, 1886,	A. Smithells, B.Sc., Yorkshire College, Leeds,	*Chemistry.*
4 Oct., 1887,	Claud M. Thompson, University College, Cardiff,	*Chemistry.*
,,	W. Newton Parker, University College, Cardiff,	*Zoology.*
27 Feb., 1890,	James Robertson Watson, M.A., Glasgow,	*Chemistry and Practical Chemistry.*
,,	John Lindsay Steven, M.D., Glas.,	*Pathology.*
,,	Alex. Robertson, M.D., Glasgow,	*Practice of Medicine.*
,,	Philip J. White, M.B., University College, Bangor,	*Zoology.*
26 Feb., 1891,	Thomas King, Glasgow,	*Botany.*
5 Jan., 1892,	B. C. A. Windle, M.D., Queen's Coll., Birmingham,	*Anatomy.*
,,	F. J. Allen, M.A., M.B., C.M., Mason Science Coll., Birmingham,	*Physiology.*
,,	T. W. Bridge, M.A., Mason Science Coll., Birmingham,	*Zoology.*
28 April, 1892,	James Swanson, M.A., M.B., C.M., St. Mungo's Coll., Glasgow,	*Botany.*
23 Feb., 1893,	*James Blyth, M.A.*, Technical College, Glasgow,	*Physics.*
,,	J. W. Carr, M.A., University College, Nottingham,	*Botany.*
27 April, 1893,	*G. G. Henderson, D.Sc.*, Technical College, Glasgow,	*Chemistry.*
,,	A. Gray, M.A., LL.D., University College, Bangor,	*Physics.*
,,	J. H. Poynting, D.Sc., Mason College, Birmingham,	*Physics.*
20 July, 1893,	J. Berry Haycraft, M.D., University College, Cardiff,	*Physiology.*
9 Nov., 1893,	J. A. Thomson, M.A., Edinburgh,	*Zoology.*
,,	A. P. Aitken, D.Sc., Edinburgh,	*Chemistry.*
,,	J. F. King, Edinburgh,	*Chemistry.*
,,	W. I. Macadam, Edinburgh,	*Chemistry.*
,,	J. B. Readman, D.Sc., Edinburgh,	*Practical Chemistry.*
,,	D. N. Paton, M.D., Edinburgh,	*Physiology and Practical Physiology.*
,,	R. Stockman, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	A. Bruce, M.D., Edinburgh,	*Pathology and Practical Pathology.*
,,	F. W. N. Haultain, M.D., Edinbro',	*Midwifery.*
,,	R. M. Murray, M.B., Edinburgh,	*Midwifery.*
,,	G. A. Gibson, M.D., Edinburgh,	*Practice of Medicine.*
,,	R. W. Philip, M.D., Edinburgh,	*Practice of Medicine.*

9 Nov., 1893,	W. Husband, M.D., Edinburgh,	*Vaccination.*
14 Nov., 1893,	R. B. Ness, M.A., M.B., Anderson's College, Glasgow,	*Materia Medica and Therapeutics, and Practical Pharmacy.*
,,	Dawson Turner, M.D., Edinburgh,	*Physics.*
8 Feb., 1894,	J. W. B. Hodsdon, M.D., Edinbro',	*Surgery.*
,,	H. E. Clark, M.R.C.S., Glasgow,	*Surgery.*
,,	*Andrew Jamieson, M.I.C.E.*, Technical College, Glasgow,	*Electrical Engineering.*
8 Mar., 1894,	John M. Brown, M.B., C.M., Edin.,	*Anatomy and Practical Anatomy.*
,,	John S. M'Laren, M.B., C.M., Edinburgh,	*Surgery.*
,,	Robert T. Kent, M.A., F.R.C.S., St. Mungo's College, Glasgow,	*Anatomy.*
14 June, 1894,	George T. Beatson, M.D., Glasgow,	*Surgery.*
,,	Francis M. Caird, M.B., C.M., Edinburgh,	*Surgery.*
,,	Alexander James, M.D., School of Medicine, Edinburgh,	*Practice of Medicine.*
,,	A. N. M'Alpine, Minto House, Edinburgh,	*Botany.*
,,	William Russell, M.D., School of Medicine, Edinburgh,	*Pathology and Practical Pathology.*
,,	Henry Alexis Thomson, M.D., Minto House, Edinburgh,	*Surgery.*
2 Aug., 1894,	George B. Todd, M.B., C.M., Anderson's College, Glasgow,	*Zoology.*
,,	John Hardie, M.B., C.M., F.R.C.S.E., Edinburgh School of Medicine,	*Anatomy and Practical Anatomy.*
,,	Percy F. Frankland, Ph.D., B.Sc., F.R.S., Mason Coll., Birming.,	*Chemistry.*
13 Dec., 1894,	*F. G. Ogilvie, M.A., B.Sc.*, Heriot Watt College, Edinburgh,	*Mechanics.*
,,	*R. M. Walmsley, D.Sc.*, Heriot Watt College, Edinburgh,	*Physics and Electrical Engineering.*
,,	*R. Stanfield, A.R.S.M., A.M. Inst. C.E.*, Heriot WattColl., Edin.,	*Mechanical Engineering.*
,,	*John Gibson, Ph.D.*, Heriot Watt College, Edinburgh,	*Chemistry and Chemical Laboratory.*
14 Feb., 1895,	A. H. Trow, B.Sc., University College, Cardiff,	*Botany.*
,,	A. B. Robertson, F.C.S., Coatbridge Technical School and Mining College,	*Chemistry.*
,,	Malcolm Laurie, B.A., D.Sc., F.R.S.E., St. Mungo's College, Glasgow,	*Zoology.*

9 May, 1895,	D. Campbell Black, M.D., Anderson's College, Glasgow,	*Physiology.*
14 Nov., 1895,	Robert Turnbull, B.Sc., New School of Medicine, Edinburgh,	*Botany.*
12 Dec., 1895,	Peter Bennett, Anderson's College Medical School, Glasgow,	*Physics.*
,,	T. K. Dalziel, M.B., Anderson's College Medical School, Glas.,	*Surgery.*
9 Jan., 1896,	Charles Workman, M.D., Royal Infirmary, Glasgow,	*Pathology and Practical Pathology.*

And the ordinary Physicians and Surgeons of any General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of Physicians and Surgeons. (See Ordinance No. 14, Section VII. (5).)

LIST OF INSTITUTIONS OR SCHOOLS.

List of Schools or Institutions recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commission (1889), the names of those recognized for Graduation in Science being printed in *italics.*

9 May, 1895,	University College, Dundee (Medical Department).
11 July, 1895,	*University College, Dundee.*
14 Nov., 1895,	London School of Medicine for Women, in respect of the following courses:—*Chemistry* (*Systematic and Practical*), *Anatomy* (*Systematic and Practical*), *Physiology* (*Systematic and Practical*), *Practical Pharmacy, Practical Pathology, Medical Jurisprudence and Public Health, Clinical Surgery, Clinical Medicine, Practical Midwifery, Mental Diseases, Out-Practice or Dispensary and Vaccination.*
23 Mar., 1895,	Owen's College, Manchester.
,,	University of New Zealand. If a candidate for the First Professional Examination in this University has obtained a Degree in Science or in Arts in the University of New Zealand, granted after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, such candidate is exempted from the examination in such subject or subjects. (Ordinance No. 54, Section IV.)

APPENDIX III.

UNIVERSITY SOCIETIES.

GLASGOW UNIVERSITY UNION.

At a Meeting of Students and Graduates, held on the 14th day of February, 1885, it was unanimously resolved to establish a Glasgow University Union. A sum sufficient to erect a building for this purpose having been offered to the Senate by JOHN M'INTYRE, Esq., M.D., Odiham, Hampshire, and the Senate having accepted this gift, Articles of Constitution were drawn up by a Committee of Students and Graduates, and received the approval of the Senate, the Donor, and of the Students' Representative Council. A further sum of £12,000 was raised by the Union Bazaar of 1889, and devoted to furnishing and endowing the building. In 1893, to meet the increasing membership, the building was largely extended at a cost of £2800. The Union is governed by a Board of Directors, appointed by the Committee of Management which is elected annually at the General Meeting of the Members.

Objects.—The objects of the Union are to provide Students with the comforts and conveniences of a Social Club, to hold Debates, and to form a centre to which the various University Societies may be affiliated. The Buildings comprise a Debating Hall, a Dining Hall, Reading and News Rooms, Billiard and Smoking Rooms, Committee Rooms, Lavatories, etc.

Membership.—The Members of the Union are Ordinary Members or Life Members.

Ordinary membership of the Union is open to all matriculated Students and all former Students of the University, and all Medical Students of Glasgow whose names are enrolled in the Extra-mural Album of the University, on payment of an Annual Subscription of Five Shillings. Students may join for the summer session only, on payment of Three Shillings.

All matriculated Students and former Students of the University may, on payment of the sum of Three Pounds Three Shillings, become Life Members of the Union.

President—W. Craig Henderson, M.A., B.Sc.
Vice-President—Prof. Coats, M.D.
Hon. Secretary—John C. Monteith, The Union.
Hon. Treasurer—M. P. Fraser, LL.B.
Assistant Secretary and Treasurer—Anderson G. M'Kendrick.
Librarian—Gavin Scott.
Convener of Games Committee—Samuel M. Sloan.

Board of Directors—The Office-bearers; Jas. J. MacLehose, M.A., and Archibald Craig, LL.B. (former students); A. J. Fleming, M.A., and A. M. Scott (students).

Former Presidents of the Union.

1890. John H. Harley, M.A.
1890–91. Robert G. Bell, M.B.
1891–92. John Paterson, M.A., M.B.
1892–93. F. A. Macquisten, B.L.
1893–94. Joshua Ferguson, M.A.
1894–95. Joshua Ferguson, M.A.
1895–96. Rev. J. A. Stokes Little, M.A.

THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all Students attending the Divinity Hall of the University; but all matriculated Students in faculties other than the Faculty of Divinity are eligible for extraordinary membership.

Honorary President—Rev. Professor Hastie, D.D.
President—W. J. N. Service, M.A.
Vice-President—John L. Tulloch, M.A.
Secretary—A. M. Shand, M.A., Trefoil House, Shawlands.
Treasurer—A. S. Middleton, M.A.

Committee.

A. Watt, M.A.
D. G. Webster, M.A.
A. Hunter, M.A.
A. C. MacLean.

(With two students of the first year in Divinity to be elected in November.)

MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations, Lantern and Microscopic Demonstrations, and Debates.

All Medical Students and Medical Men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of One Shilling and Sixpence.

Meetings of the Society are held in the Union Buildings every Friday Evening during the Winter Session, at 7 o'clock.

Office-Bearers for 1896-97.

Honorary President—James B. Russell, M.D., LL.D.
President—Thomas Hunter, M.A., B.Sc. *Vice-President*—Wm. Duncan.
Demonstrator—D. S. Harvey.

Secretaries.

Corresponding—Robert Carswell, M.A., The Union.
Minute—A. J. Ballantyne.
Treasurer—James Scott, M.A. *Librarian*—William Webster.

Committee.

Alex. B. Sloan.
James D. Cochran.
Kenneth M. Duncan.
A. D. Macnair.
Anderson G. M'Kendrick.
Hugh Millar.
John P. Duncan.
James Davidson, M.A.

(With two Students of the first year in Medicine to be elected in November.)

Books are given out at weekly meetings, or during the week on written application.

DIALECTIC SOCIETY.

The Society meets weekly during the Session for the discussion of Literary, Philosophical, and Political subjects.

All matriculated Students are eligible for Ordinary Membership, which is obtained by payment of the Annual Subscription of One Shilling.

Honorary President.

A. C. Bradley, M.A., Professor of English Literature.

President—A. J. Fleming, M.A.

Vice-Presidents.

Senior—J. Scoular Thomson. *Junior*—D. P. Fleming, M.A.

Secretaries.

Senior—John Middleton, 86 South Street, Greenock.

Junior—J. R. M'Intosh.

Treasurer—W. F. Smillie. *Macer*—J. C. Monteith.

General Board.

W. Craig Henderson, M.A., B.Sc.
A. Roy Johnston.
Thomas Jones.
Ivy M'Kenzie.
W. M. R. Pringle.
A. Maccallum Scott.
Gavin Scott.
R. R. Williams.

GLASGOW UNIVERSITY ORIENTAL SOCIETY.

(Instituted 1880.)

The object of the Society is the study of the languages and literatures of the East.

All Students of Oriental languages are eligible for election to the membership.

The Society meets twice a year—in the months of April and October.

Office-Bearers.

President—Rev. Professor James Robertson, D.D.
Vice-President—Mr. R. B. Pattie, B.D.
Corresponding Secretary—Rev. James Young, B.D.
Recording Secretary—Rev. A. Cameron Watson, B.D.
Treasurer—Rev. Robert Gardner, B.D.

GLASGOW UNIVERSITY ALEXANDRIAN SOCIETY.

This Society was formed in January, 1887. It has for its chief object the discussion of questions connected with the Literatures of Ancient Greece and Rome. The membership is open to Members of the University. Any distinguished Scholar or any Member of the University of five years' standing, or any person officially connected with the University, is eligible for Honorary Membership.

Office-Bearers.

Honorary Presidents.

Professor G. G. Ramsay, LL.D. | Professor G. G. A. Murray, M.A.
Professor A. C. Bradley, M.A.

President—John Brown, M.A.

Vice-Presidents—R. M. Burrows, M.A., and R. D. Bell.

Secretary—A. Fraser, Larchgrove, Shettleston.

Treasurer—W. H. Begg.

Committee.

C. H. Dick.	J. Gillies.
J. L. Morrison.	Miss M. Atkinson.
P. W. Monie.	Miss C. Tannahill.

GLASGOW UNIVERSITY PHILOSOPHICAL SOCIETY.

(Instituted 1887.)

This Society was instituted for the promotion of Philosophical Discussion and Investigation. It meets on Wednesday Evenings at Eight o'clock during the Winter Session, in the Union. Ordinary Membership is open to all Students who have attended or are attending Philosophical Classes in any University. The annual subscription is one shilling for those who are members of the Union, and one shilling and sixpence for those who are not.

Office-Bearers for Session 1896-97.

Honorary Presidents.

Principal Caird,
Professor A. C. Bradley,
Professor Jones,
Professor Adamson,
} *Ex Officiis.*
Samuel Alexander, M.A.

President—J. Scoular Thomson.

Vice-President—T. E. Jones.

Secretary—James Johnston, 15 Rose Street, Garnethill.

Treasurer—Archibald Main.

Members of Committee.

Miss J. E. Malloch.	W. W. Fulton.
W. R. B. Gibson, B.A. (Oxon.).	Wm. Boyd.

J. E. Henderson.

GLASGOW UNIVERSITY ENGINEERING SOCIETY.

(Instituted 1891.)

The objects of this Society are the promotion of the study of Engineering and the diffusion of Engineering information among the members, by the reading of papers, by discussions, by visits to Engineering works in progress, and by such other means as the Society shall approve.

The membership is open to all past and present Students of the University.

Office-Bearers for Session 1896-97.

Honorary President—Professor J. Harvard Biles, M. Council Inst. N.A.

President—H. C. Sadler, B.Sc.

Vice-Presidents.

Engineering—
Wm. Muirhead.

Naval Architecture—
J. D. Morrison.

Hon. Secretaries—John Muir, Galahill, Kilmarnock.
J. W. French, 1 Kelvinside Terrace, W.

Treasurer—J. N. Davie, 13 Rupert Street.

Committee.

Engineering—
Lewis A. Smart.
William Caird.
H. E. Fisher.

Naval Architecture—
W. B. Chapman.
G. Howson.

GLASGOW UNIVERSITY PHYSICAL SOCIETY.

This Society was founded in 1884 "for the discussion of scientific subjects in general, and the diffusion of scientific information among its members, by special communications, and any other means which the Society may from time to time approve."

Meetings are held at regular intervals during the Winter Session, usually on every alternate Friday at 8 P.M. The syllabus for the year is issued in autumn, and may be had from the Secretary after the commencement of the Winter Session.

All past and present students of the University who are interested in Natural Science and Philosophy are eligible for membership. The subscription for the ensuing year has been fixed at One Shilling.

The Office-Bearers are :—

Honorary President—Lord Kelvin, F.R.S.

President—Magnus Maclean, M.A., D.Sc., F.R.S.E.

Vice-President—Alexander Galt, B.Sc., F.R.S.E.

Secretary—John Gray, B.Sc.

Treasurer—Peter Pinkerton, M.A.

Letters should be addressed to the Secretary of the Society at the Physical Laboratory.

GLASGOW UNIVERSITY MISSIONARY SOCIETY.

(Instituted 1821.)

Office-Bearers for 1896-97.

Honorary President—Rev. Donald Macleod, D.D.

President—D. Graham Webster, M.A.

Vice-President—John L. Tulloch, M.A.

Superintendents of Home Missions—Alex. O. Taylor, M.A.; A. S. Middleton, M.A.

Senior Secretary—Andrew Watt, M.A., Crosshill Cottage, Strathaven.

Junior Secretary—David Swan.

Librarian—A. Hunter, M.A.

Treasurers—R. B. Wiseman; A. C. Maclean.

Members of Committee.

From Theology—
W. J. N. Service, M.A.
James Cleland.
Gillespie Campbell.
A. M. Shand.
J. C. Macgregor.
J. S. Thomson.

From Arts—
J. M'Cormick.
W. Fulton.
D. Blair.

From Law—
A. H. Charteris, M.A.

From Medicine—
James Dickie.

Home Missionary—Rev. Horace J. Dick.

GLASGOW UNIVERSITY CHRISTIAN ASSOCIATION.

The object of this Society is the promotion of religious life and fellowship in the University.

The headquarters of the Association are at 22 Bank Street, where there are carried on a weekly Fellowship meeting and daily Prayer meetings. Other features of the work are:—The issue of a Handbook at the beginning of each winter session to all new students, Bible reading circles, deputations to Evangelistic meetings. The weekly meeting is held on Thursday at 3 P.M.

Office-Bearers.

Hon. President—Professor Joseph Coats, M.D.

Hon. Vice-President—Samuel D. Cowan, M.A., M.B., C.M.

President—R. R. Williams.

Vice-President—Robert Scott.

Secretary—David H. Tweeddale, 133 Forth Street, Pollokshields.

Assist.-Secretary and Deputation Secretary—James Dinwoodie.

Treasurer—Gordon B. Nielson.

Assist.-Treasurer—John M. Ramsay.

Committee.

James Baird.
Eric D. Gairdner.
Tom Jones.
G. T. Maclean, M.A.
Archibald Main.
Alex. B. Sloan.

THE FABIAN SOCIETY—GLASGOW UNIVERSITY BRANCH.

(Established March, 1896.)

The Fabian Society consists of Socialists. Members of the University interested in social reform, but unable to subscribe to the Fabian basis,

may become associates and enjoy the full privileges of membership, except the right to vote and to hold office, on payment of the ordinary subscription of Eighteenpence.

Officers for Session 1896-97.

Honorary President—Sidney Webb, LL.B.
President—Ronald M. Burrows, M.A.
Vice-President—Miss Isabella Blacklock, M.A.
Secretary—Tom Jones, The Terrace, Rhymney, Mon.
Treasurer—Norman Leys, 10 Possil Road, Glasgow.
Librarian—J. E. S. Otty.

Committee.

Miss Jane Malloch.	William Boyd, M.A.
H. N. Brailsford, M.A.	James Davidson, M.A.

GLASGOW UNIVERSITY TOTAL ABSTINENCE SOCIETY.

The object of this Society is to unite the abstaining students in the University, and to promote the cause of Total Abstinence. This work it accomplishes among the students by means of lectures, sermons, etc., while, outside the University, it carries on a successful Temperance Mission Work.

Office-Bearers for 1896-97.

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The object of the Club is the promotion of all forms of Athletic exercise. The Membership is confined to present and past Students of the University. The affairs of the Club are managed by a General Committee and Sub-Committees, one for each form of Athletic exercise. The General Committee are entrusted with the management of all matters concerning the Field, Pavilion, Annual Games, etc. The Sub-Committees are entrusted with the arrangements for each special form of exercise, subject always to the approval of the General Committee. The Annual Subscription to the Club is 2s. 6d., with a further Subscription for each form of exercise. None but Members of the Club are entitled to play any game under charge of any Sub-Committee.

The Annual General Meeting is held on the first Friday in November. Special Meetings are held when required.

GLASGOW UNIVERSITY UNITED PRESBYTERIAN STUDENTS' SOCIETY.

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Secretary—A. W. Wilkie, Egerton Park, Rockferry, Birkenhead.
Treasurer—J. Patrick.

Committee.

J. W. Copeland, Wm. Scott, John Copeland, J. Dinwoodie, N. M. Leys, and another to be elected in November.

This Society meets every Saturday at 10 a.m., in the Hall of Woodlands Road U.P. Church.

The objects of the Society are the promotion of social intercourse and the furtherance of moral and intellectual culture among its members.

All Students attending the University in any Faculty, who are connected with the United Presbyterian Church, are eligible for membership, which is obtained by the payment of the annual subscription of One Shilling. Students not connected with the United Presbyterian Church may become Associates.

GLASGOW UNIVERSITY RIFLE CLUB.

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Team Captain—T. Eaton Robinson (Captain 1st Lanark R.V.), 285 George Street, Glasgow.

Vice-Captain—R. Carswell (Lieutenant 1st Lanark R.V.).
Secretary and Treasurer—John Coats, 160 Hope Street, Glasgow (Captain 3rd V.B.H.L.I.).

Committee—A. H. Donald (Hon. Major 1st L.R.V.), T. W. Cuthbertson (Captain 4th V.B.S.R.), J. Campbell (Captain 3rd V.B.A. and S.H.), J. C. Paterson, S. M. Sloan, and George Douglas.

Its objects shall be to promote rifle shooting among students and ex-students of Glasgow University, and to provide the means of having Glasgow University well represented in the annual match for the Inter-University Trophy.

All students and ex-students of Glasgow University shall be eligible as Patrons and Ordinary Members. All persons officially connected with the University shall be eligible as Patrons. Both classes of Members may take part in the competitions.

All persons, eligible as above, subscribing 10s. or upwards annually, shall be *ipso facto* Patrons. The subscription for Ordinary Members shall be 5s. for ex-students, and 2s. 6d. for present students, all payable by 1st March annually. These annual subscriptions may be commuted by a present payment of £3 3s., entitling the person paying to become a Life Patron.

THE UNIVERSITY CLUB, GLASGOW, 202 BATH STREET.

The Club is instituted for the association of gentlemen connected with the universities of the United Kingdom or with foreign universities.

The following persons are eligible for admission into the Club as ordinary members:—(1) Graduates and *alumni* of any recognized university in the United Kingdom or abroad; (2) Professors, and persons holding any honorary office in connection with a university; (3) Persons who, though not possessed of any of the above qualifications, have, in the judgment of the Committee, other equivalent qualifications.

The entry-money is £3 3s., and the annual subscription for a member having a residence or place of business within five miles of Glasgow Royal Exchange, is £3 3s., and for a member having neither a residence nor place of business within that distance, £1 11s. 6d.

Members joining on and after 1st July in any year pay one-half subscription for that year, and on and after 1st December members are admitted for the succeeding year, having the use of the Club during December in addition.

Committee for 1896.

Professor Joseph Coats, M.D., *Chairman of the Club.*

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Full particulars as to membership, etc., may be obtained on application to the Secretary.

GLASGOW UNIVERSITY CLUB, LONDON.

The objects of the Club are to maintain good fellowship among its members and to promote the interests of the University of Glasgow and of higher education in connection therewith.

Graduates, and all who are or have been students of the University of Glasgow, or officially connected with it, are eligible for membership.

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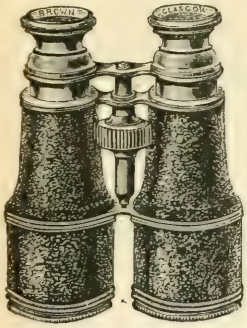
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